

# Universe Review

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Window to the Universe

1) Mercury is covered with \_\_\_\_\_ and its surface temperature can reach over \_\_\_\_\_ degrees Fahrenheit which converts into over \_\_\_\_\_ degrees Celsius [Note: Conversion factor:  $(n-32) \times 0.555$ ].

2) Why is Venus' atmosphere and surface so hot?

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3) Mars' red surface appearance is due to \_\_\_\_\_ in the \_\_\_\_\_. Mars has the solar system's highest known peak called \_\_\_\_\_ at an elevation of \_\_\_\_\_ kilometers. This feature is a dead \_\_\_\_\_.

4) Jupiter's Great Red Spot is thought to be a \_\_\_\_\_ that has been going on for over \_\_\_\_\_ years.

Which of Jupiter's moons is known for its active volcanism? \_\_\_\_\_

5) One of Saturn's moons has a similar atmosphere to earth's in terms of the most abundant gas in its atmosphere. Name the moon. \_\_\_\_\_ The gas: \_\_\_\_\_ Percentage Composition: \_\_\_\_\_. What percentage of this gas does earth's atmosphere contain? \_\_\_\_\_

In what year did the first spacecraft arrive and flyby Saturn? \_\_\_\_\_ When is the next spacecraft due to arrive at Saturn? \_\_\_\_\_

6) Uranus has \_\_\_\_ known moons. Uranus' interior is mostly composed of

\_\_\_\_\_.

7) Neptune's bluish colour is a result of its atmosphere containing mostly \_\_\_\_\_ . Which of Neptune's moons is thought to have active geysers and a water environment similar to the North Pole? \_\_\_\_\_

8) Pluto's maximum distance from the sun is \_\_\_\_\_ km in comparison to \_\_\_\_\_ km for earth. How long is a year on Pluto? \_\_\_\_\_.

9) Asteroids are rocky objects with more than \_\_\_\_\_ of them located between the planets \_\_\_\_\_ and \_\_\_\_\_.

10) Comets are lumps of ice and rock. The cloud of gas and dust and accompanying tail that is associated with this astronomical phenomena arises when the nucleus of the comet begins to \_\_\_\_\_ due to the \_\_\_\_\_ of the \_\_\_\_\_. Which comet crashed into the atmosphere of Jupiter in 1993?

\_\_\_\_\_

11) Find out something else of interest about any topic from this website.

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### **Imagine The Universe Dictionary**

12) What is a black hole?

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\_\_\_\_\_

13) Galaxies consist of gases and generally over \_\_\_\_\_ stars held together by gravity.

14) At what rate does light travel? \_\_\_\_\_

(see light year)