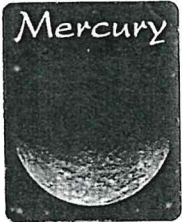


Discovery - Eye Witness Video - The Planets

Name: _____

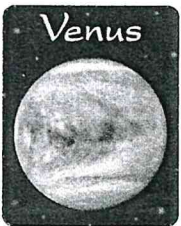
- Please complete the following questions/blanks while watching the video. Be very attentive.
- This will be collected at the end of the video.
- You will be given 5 minutes at the end of the video to complete any unfinished questions.

Mercury



1. Does mercury have an atmosphere? {Circle one} Yes or No
2. During the day mercury is hot enough to melt most _____ as if they were wax.
3. At night the temperature on Mercury is as cold as liquid _____.
4. How long does it take Mercury to orbit the sun (make 1 trip around the sun)? _____ days.
5. Why is Mercury's day twice as long as its year?

Venus



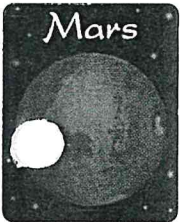
1. Venus is named after the Goddess of _____.
2. Venus is the {Circle one} **brightest** or **dullest** planet.
3. What are the two toxic substances that make up its atmosphere?
➤ _____
➤ _____
4. A Russian probe made it to Venus, but because of the harsh conditions that exist there it only lasted _____.

Earth



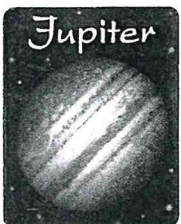
1. What surface feature of Earth makes it different from any other planet? It has _____.
2. What is the only other celestial body other than Earth that humans have traveled to? _____
3. The moon has a gravity {circle one} $1/2$ or $1/6$ or $1/10$ of that on Earth.
4. We never see the dark side of the moon because the moon takes the same amount of time to rotate on its axis as it does to revolve around the Earth. How long does this take? _____ days.
5. When the Sun and Moon line up and cast a shadow on the Earth, this is called an _____.

Mars



1. The temperature on Mars is rarely above _____.
2. What gives Mars its red colour?
3. It is possible that Mars could support life one day. What evidence did they find in the Antarctic?

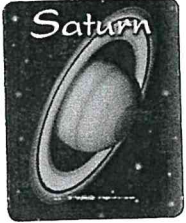
Jupiter



1. Jupiter is the {circle one} **smallest** or **biggest** planet.
2. How many moons does Jupiter have? _____
3. How many times can the Earth fit inside Jupiter? _____ times.
4. What is the 'Great Red Spot'?

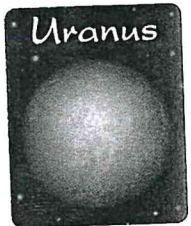
Saturn

1. What makes up the rings of Saturn?



2. If we had an enormous bath tub that we could put Saturn in, would it float or sink?

3. How many moons does Saturn have? _____



Neptune and Uranus

1. These two planets are called the {circle one} **sister** or **brother** planets.

2. Uranus is featureless other than its colour. What is the colour of Uranus? _____

3. What colour is Neptune? _____

4. What gas makes Neptune this colour? _____



Pluto

1. Pluto is very cold and barren. In the winter it is so cold that it snows a pale _____ colour.

2. If we were to take a round trip (there and back) to Pluto, how long would this take? _____ years.



