**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Planet Research**

**Using your chromebooks, go the following website and research these four planets.**

**Website:** [**https://spaceplace.nasa.gov/planets/en/**](https://spaceplace.nasa.gov/planets/en/)

**Mercury:**

* **Mercury is the \_\_\_\_\_\_\_\_\_\_\_ in our solar system.**
* **It is the \_\_\_\_\_\_\_\_\_\_\_\_\_ to the sun.**
* **Along with Venus, Earth, and Mars, Mercury is one of the \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_. It has a solid surface that is covered with craters. It has a\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_, and it doesn’t have any moons. Mercury likes to keep things simple.**
* **Mercury takes \_\_\_ \_\_\_\_\_\_ \_\_\_\_\_ to make one full rotation.**
* **How many sunrises are there every 180 Earth days? \_\_\_\_\_\_\_\_.**

**Venus:**

* **Venus is the \_\_\_\_\_\_\_-est planet.**
* **Its atmosphere is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Venus is unusual because it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of Earth and most other planets. And its rotation is very slow. It takes about \_\_\_\_\_ Earth days to spin around just once.**
* **It takes \_\_\_\_ \_\_\_\_\_ days for Venus to go all the way around the sun.**
* **Just like Mercury, Venus doesn’t have any \_\_\_\_\_\_\_\_.**

**Earth:**

* **\_\_\_\_\_\_ covers 70% of Earth's surface.**
* **Our** [**atmosphere**](https://spaceplace.nasa.gov/atmosphere) **is made mostly of \_\_\_\_\_\_\_\_\_ and has plenty of \_\_\_\_\_\_\_\_\_ for us to breathe.**
* **The atmosphere also protects us from incoming \_\_\_\_\_\_\_\_\_\_\_, most of which break up in our atmosphere before they can strike the surface as \_\_\_\_\_\_\_\_\_\_\_\_.**
* **Right now, there are many \_\_\_\_\_\_\_\_\_\_ orbiting Earth taking \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_.**

**Mars:**

* **Mars is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **It is \_\_\_\_ \_\_\_ size of Earth.**
* **Mars is sometimes called the \_\_\_\_\_\_\_\_\_\_. It's red because of \_\_\_\_ \_\_\_\_in the ground.**
* **Like Earth, Mars has \_\_\_\_\_\_\_, polar ice caps, \_\_\_\_\_\_\_\_\_, canyons, and weather. It has a very \_\_\_\_ atmosphere made of carbon dioxide, nitrogen, and \_\_\_\_\_.**
* **On some Martian hillsides, there is evidence of \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ in the ground.**

**What are some similarities between these four planets? List them below!**

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