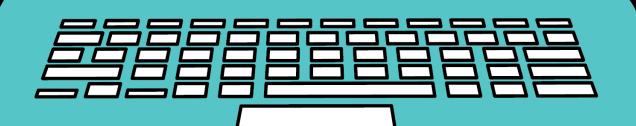


Short Answer	Type Answer Here	Fill in the Blank	Type Answer Here
1. How any a net ore in trisol system.		9. Our solar system is in the Galaxy.	
2. Ye ich planet closest to the		10. Mercury doesn't have any weather or	
3. In miles, we fit i the diameter of Mercury?		11. The 1st known record of percury is by	
4. Who was first to see Mercury through a telescope?		Mero tilt in the of r at h is only 2	
5. What is the core of Mercury made of?		13. Juster or and another ster go fants.	
6. What year did the Messenger crash?		14. Sur s the rame of a ged mytholog,	
7. Which planet is the smallest?		15. It takesarth days for Mercury to orbit the Sun.	
8. What's the first aircraft to reach Mercury called?		16. The first 4 planets are considered the inner planets.	
aircraft to reach		are considered the	



## PLANET MERCURY

e Milky Way Galaxy has eight planets: Earth, Mercury, Saturn, Uranus, and Neptune. The first fo ets (Mer Mars) are considered the the outer gas giants, while inner nd Nepiune are th Ura Mercury is the smallest and the one closes e Sun. S er planet nus Mercury due to its. Merc e an atmosphere like Earth kygen, sodium, helium, hydr assium.

Mercury was seed ap limately 4 grs ago. The fi known record of Mercury is bentury by astronor Experts understand that the erions sabylonian from and 3000 BC knew about Mercury. Yet Go as the first to see Me through a telescope in the 1600s.

Mercury has no moons, no rings, and is 598 millio (579 million km) from the Sun. This terrestrial (rocky) planet hidiameter of 3031 miles (4879 km) and a radius of 1,516 miles. larger than Earth's moon.

Mercury moves around the Sun quickly at 50 km per second. Thus, it takes 88 Earth days for Mercury to orbit the Sun Meanwhile, it spins slowly, which means that one day on Mercury equals 58.7 days on Earth.

The planet was named Mercury (messenger of the gods) - the god of commerce, travel, and thievery in Roman mythology. Mercury's pathway around the Sun is an odd elliptical shape, like an ega.

Mercury has a rocky surface (crust), mantle (next layer), and iron core (center). Scientists think that the iron core is molten or liquid, like Earth. With an iron core similar to Earth and Mars, Mercury has a high mass for its small size.

The temperature on Mercury varies wildly since the days are so

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long. The side of Mercury facing the Sun (daytime) can have temperatures that reach 800 degrees Fahrenheit (430 degrees Celsius - super hot). However, the side of Mercury away from the Sun (nighttime) can be -300 degrees Fahrenheit (-180 degrees Celsius - super cold). The lack of atmosphere is why the planet gets very cold.

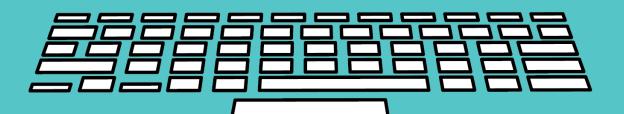
Mercury looks like Earth's moon with craters caused by meteoroid and comet collisions. Interestingly, many craters are named after famous authors, musicians, and artists. For example, one crater is named after Dr. Seuss, the famous children's author and another is named after Alvin Ailey, a famous dancer. Experts think that Caloris Basin's crater was caused by a 60-mile wide asteroid hitting Mercury. The 960-mile wide crater is big enough for Texas to fit inside. The impact of something this size could have contributed to Mercury's odd thing billions of years ago.

cesn't have any weather or seasons. This is because the tilt in rotation is only 2 degrees. Therefore, Mercury orth with its 23.5-degree tilt. Scientists observe spins upp r informati y think that there could be ice at the the cra north outh poles However, ice would only be found whe re are con shado manent shadows would cooling w e rest of the plan ats up.

we to how the state of the Sun, or the state of a discretifish have reached the state of the sta

Studying Men and Earth is an activated the Sun to see hercury. It's the Men after the Sun sets or before it rises. Despit you without a telescope. People often, and if you will not a telescope. People often the streme temper and solar radiation, organisms couldn't adopt and survive on Men.

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