

Mars

Mars is named after the Roman god of war. Mars is the fourth planet from the Sun and is about half the size of Earth. It is a dry, dusty, rocky planet where the soil appears reddish brown because it contains iron oxide, or rust. Mars is sometimes called "The Red Planet."

Mars has a very thin atmosphere consisting of carbon dioxide, nitrogen, and argon. The temperature on Mars ranges from -125 to 23 degrees Fahrenheit. It is too cold and the atmosphere is too thin for liquid water to exist on the surface of Mars. Water does exist in the frozen polar ice caps of Mars.



Image courtesy of the NASA/JPL Mars Global Surveyor

Of all the planets, Mars has the largest volcanic mountain, Olympus Mons, and the largest known canyon, Valles Marineris, in the solar system. Olympus Mons is three times taller than Mt. Everest and Valles Marineris dwarfs the Grand Canyon.

Mars has two small natural satellites (or moons), Phobos and Deimos. It is thought that these moons may be asteroids captured by Mars' gravity.

Since Mars has an axial tilt similar to that of Earth, it has seasons just like the Earth. Mars orbits the sun once every 1.8807 Earth years. A day on Mars is 24.62 hours, about the same as it is on Earth.

After reading the information above, fold your paper on the line and try to answer the questions below without referring back to the data. (Check the box with the correct answer.)

1. How many natural satellites does Mars have?
☐ two ☐ three ☐ four
2. Mars has the largest volcanic mountain and the largest known _____?
☐ natural satellites ☐ polar ice caps ☐ canyon
3. A day on Mars is about as long as a day on _____?
☐ Earth ☐ Mercury ☐ Venus
4. Why does the soil on Mars appear reddish-brown?

Section 17 2 Heating The Atmosphere Worksheet Answers

Mark Steyvers



Section 17 2 Heating The Atmosphere Worksheet Answers:

Section 17 2 Heating The Atmosphere Worksheet Answers Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Section 17 2 Heating The Atmosphere Worksheet Answers**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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