

Name: _____ Date: _____

The Earth in the Solar System

Q1. Why do we see only one side of the moon always?

Ans. _____

Q2. How does a planet differ from a star?

Ans.

Planet	Star

Q3. Why the Earth is called a unique planet?

Ans. _____

Q4. Despite being our nearest star, the tremendous heat of the sun is not felt so much. Why?

Ans. _____

The Earth in the Solar System

Q1. Why do we see only one side of the moon always?

Ans. The moon moves around the earth in about 27 days. It takes exactly the same time to complete one spin. As a result, only one side of the moon is visible to us on the earth.

Q2. How does a planet differ from a star?

Ans.

Planet	Star
Some celestial bodies do not have their own heat and light. They are lit by the light of the stars. Such bodies are called planets. Example : Earth	Some celestial bodies are very big and hot. They are made up of gases. They have their own heat and light, which they emit in large amounts. These celestial bodies are called stars. Example : Sun

Q3. Why the Earth is called a unique planet?

Ans. Conditions favourable to support life are probably found only on the earth. The earth is neither too hot nor too cold. It has water and air, which are very essential for our survival. The air has life-supporting gases like oxygen. Because of these reasons, the earth is a unique planet in the solar system.

Q4. Despite being our nearest star, the tremendous heat of the sun is not felt so much. Why?

Ans. The sun is the ultimate source of heat and light for the solar system. But that tremendous heat is not felt so much by us because despite being our nearest star, it is far away from us. The sun is about 150 million km away from the earth.