

Name: _____ Date: _____

The Earth in the Solar System

Q1. What is the speed of light?

Ans. _____

Q2. How much time light takes to reach the earth?

Ans. _____

Q3. Who are called astronomers?

Ans. _____

Q4. What cast shadow on the moon?

Ans. _____

Q5. What is a Pole Star?

Ans. _____

Q6. What is a galaxy?

Ans. _____

Q7. How can we locate the position of the pole star?

Ans. _____

The Earth in the Solar System

Q1. What is the speed of light?

Ans. Light travels at the speed of about 300,000 km per second.

Q2. How much time light takes to reach the earth?

Ans. The light of the sun takes about eight minutes to reach the earth.

Q3. Who are called astronomers?

Ans. Those who study the celestial bodies and their movements are called astronomers.

Q4. What cast shadow on the moon?

Ans. It has mountains, plains and depressions on its surface. These cast shadows on the moon's surface.

Q5. What is a Pole Star?

Ans. The North Star indicates the north direction. It is also called the Pole Star.

Q6. What is a galaxy?

Ans. A galaxy is a huge system of billions of stars, and clouds of dust and gases.

Q7. How can we locate the position of the pole star?

Ans. We can locate the position of the Pole Star with the help of the Saptarishi.