

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Stars and Solar System

Q1. How long does it take sunlight to reach the Earth?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. What characteristics of Mars distinguish it from other planets?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. Which constellation appears like a big ladle or a question mark?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. Which is the nearest star to earth, after the sun?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. What is a constellation? Name any two constellations.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. Name the constellation which appears to have the shape of a big bear.

Ans. \_\_\_\_\_  
\_\_\_\_\_

## Stars and Solar System

Q1. How long does it take sunlight to reach the Earth?

Ans. It takes sunlight an average of 8 minutes and 20 seconds to travel from the Sun to the Earth.

Q2. What characteristics of Mars distinguish it from other planets?

Ans. Mars appears slightly reddish and, therefore, it is also called the red planet. Mars has two small natural satellites.

Q3. Which constellation appears like a big ladle or a question mark?

Ans. Ursa Major appears like a big ladle or a question mark. It is also known as the Big Dipper, the Great Bear or the Saptarshi.

Q4. Which is the nearest star to earth, after the sun?

Ans. Alpha Centauri is the nearest star to earth, after the sun. It is at a distance of about 40,000,000,000,000 km from the Earth.

Q5. What is a constellation? Name any two constellations.

Ans. The stars forming a group that has a recognisable shape is called a constellation. Two constellations are Ursa Major and Orion.

Q6. Name the constellation which appears to have the shape of a big bear.

Ans. Ursa Major is the constellation which appears to have the shape of a big bear. It is also known as the Big Dipper, the Great Bear or the Saptarshi.