

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

Stars and Solar System

Q1. Why does the Sun appear to be bigger and brighter than all other stars?

Ans. \_\_\_\_\_  
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Q2. What is an artificial satellite? Name any two artificial satellites launched by India.

Ans. \_\_\_\_\_  
\_\_\_\_\_  
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Q3. Why the planets do not collide while revolving around the Sun?

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

Q4. Which planet is known as evening and morning star and why?

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

Q5. Name the eight planets of the Solar System in the order of their increasing distances from the Sun.

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

## Stars and Solar System

Q1. Why does the Sun appear to be bigger and brighter than all other stars?

Ans. The Sun is the nearest star from us and it is continuously emitting huge amounts of heat and light. Thus, the Sun appear to be bigger and brighter than all other stars.

Q2. What is an artificial satellite? Name any two artificial satellites launched by India.

Ans. There are many man-made satellites revolving round the Earth. These are called artificial satellites. Artificial satellites launched by India are INSAT, IRS, Kalpana-1, EDUSAT, etc.

Q3. Why the planets do not collide while revolving around the Sun?

Ans. Planets do not collide while revolving around the Sun because each planet has a definite path in which it revolves around the Sun. This path is called an orbit.

Q4. Which planet is known as evening and morning star and why?

Ans. Sometimes Venus appears in the eastern sky before sunrise. Sometimes it appears in the western sky just after sunset. Therefore it is often called a morning or an evening star, although it is not a star.

Q5. Name the eight planets of the Solar System in the order of their increasing distances from the Sun.

Ans. Our Solar System has eight planets which orbit the sun. In order of distance from the sun they are: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.