

## Study Island

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1. Which of the following words best describes the Sun?

- A. moon
  - B. comet
  - C. planet
  - D. star
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2. The eight planets of the solar system can be divided into two groups, as shown in the table below.

Group 1	Group 2
larger planets	smaller planets
made mostly of gases	made mostly of rock and iron
rings present	no rings present
several moons per planet	0 - 2 moons per planet

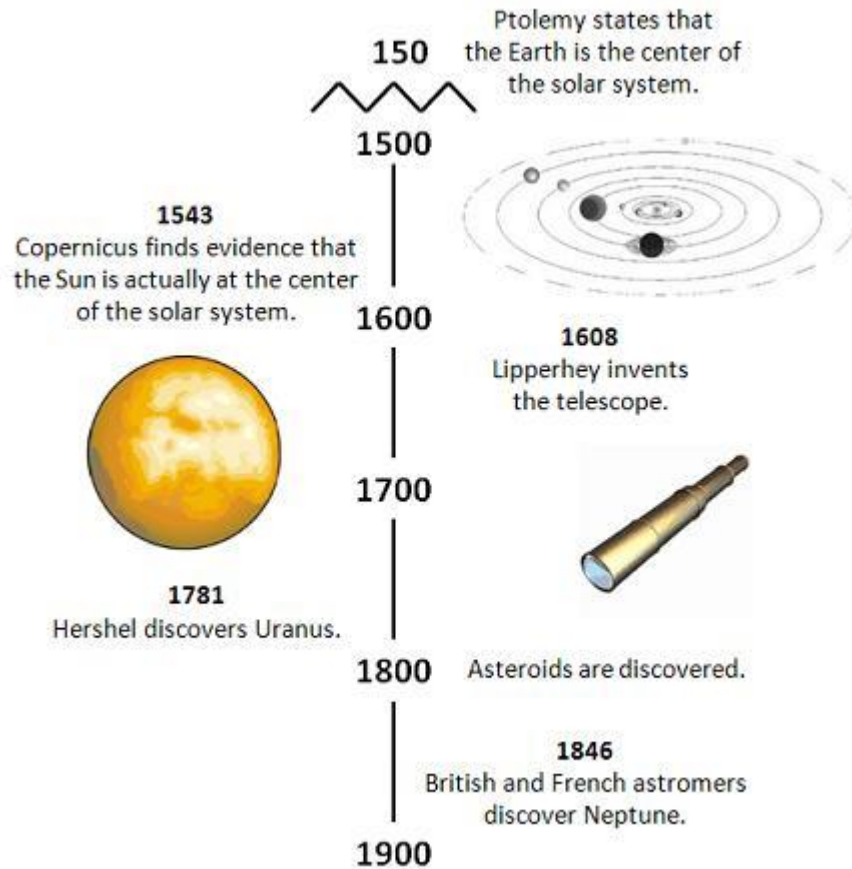
Which of the following correctly identifies the planets in these groups?

- A. Group 1 is the four inner planets, and Group 2 is the four outer planets.
  - B. Group 2 is the six outer planets, and Group 1 is the two inner planets.
  - C. Group 2 is the two outer planets, and, Group 1 is the six inner planets.
  - D. Group 1 is the four outer planets, and Group 2 is the four inner planets.
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3. What are the large objects that revolve around the planets called?

- A. the Sun
  - B. moons
  - C. stars
  - D. comets
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4. Look at the timeline below.



What can you conclude from this timeline?

- A. Major scientific discoveries occurred more often in the past than they do today.
- B. We still do not know all of the planets in the solar system.
- C. The telescope allowed scientists to learn a great deal about the solar system.

- Without telescopes, there was no way for scientists to make hypotheses about the solar system.
- D. system.
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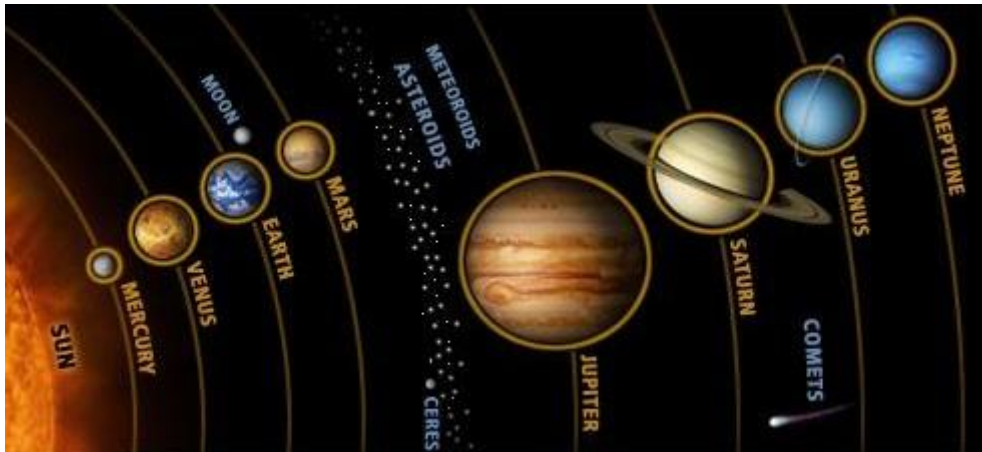
5. The Sun is a \_\_\_\_\_.

- A. meteor
- B. star
- C. nebula
- D. planet
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6. Pluto used to be considered one of nine major planets in our Solar System. It is now considered \_\_\_\_\_.

- A. an asteroid
- B. a comet
- C. a planetary satellite
- D. a dwarf planet
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7.



*Image courtesy NASA.gov  
scale is relative only*

Which planet has an orbit that is closer to the Sun than Earth?

- A. Jupiter
- B. Neptune
- C. Mars

**D.** Venus

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**8.** There are several planets in the solar system. What do all of these planets have in common?

- A.** They are all called Earth.
  - B.** They are all close to the Moon.
  - C.** They all orbit the Moon.
  - D.** They all orbit the Sun.
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**9.** Which of the following correctly fills in the blank in the statement below?

The Earth is the \_\_\_\_ planet from the Sun.

- A.** 2<sup>nd</sup>
  - B.** 5<sup>th</sup>
  - C.** 3<sup>rd</sup>
  - D.** 4<sup>th</sup>
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**10.** There are eight planets in the solar system. Each planet is different from the others, but they all share some common characteristics.

Which of the following is a similarity of all planets?

- A.** All planets have organisms on them.
  - B.** All planets orbit a star.
  - C.** All planets have liquid water.
  - D.** All planets are the same size.
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**11.** The Sun is more than 100 times as wide as the planet Earth. How big is the Sun compared to most other stars?

- A.** It is much smaller than most other stars.
  - B.** It is much larger than all other stars.
  - C.** It is an average-sized star.
  - D.** It is a very large star but not the largest.
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