

Name: _____

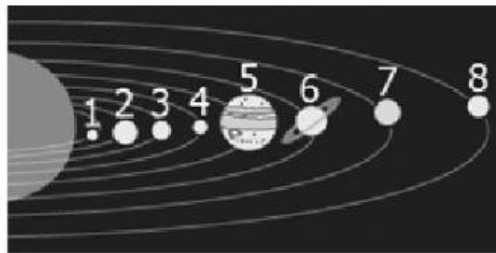
1. Linda writes down some characteristics of a planet. Which planet does Linda describe?

- A. Mars
- B. Mercury
- C. Neptune
- D. Saturn

Linda's Notes
1. The planet is closer to the Sun than Earth.
2. The planet is small and rocky like Earth.

2. The image below shows a diagram of the solar system with the planets numbered in sequence. A student is asked to select numbers of the planets that have a surface made of gas. Which planets would the student select?

- A. Planets 1, 2, 3, and 4
- B. Planets 1, 2, 7, and 8
- C. Planets 3, 4, 5, and 6
- D. Planets 5, 6, 7, and 8



3. Inner planets are:

- A. Small and Gassy
- B. Large and Rocky
- C. Small & Rocky
- D. Large & Gassy

4. Outer planets are:

- A. Small and Gassy
- B. Large and Rocky
- C. Small & Rocky
- D. Large & Gassy

5. Which planets have a surface similar to Earth?

- A. Mars and Jupiter
- B. Mars and Saturn
- C. Mercury and Mars
- D. Mercury and Jupiter

6. Which statement is true?

- A. The sun moves in an orbit around Jupiter.
- B. The sun moves in an orbit around Earth.
- C. The moon moves in an orbit around Earth.
- D. Earth moves in an orbit around the moon.

4.E.3A.1- Solar System Indicator Assessment

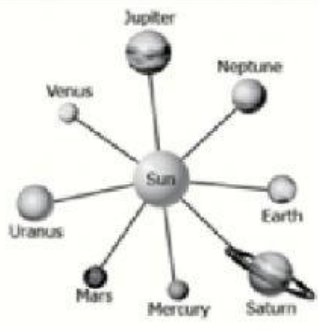
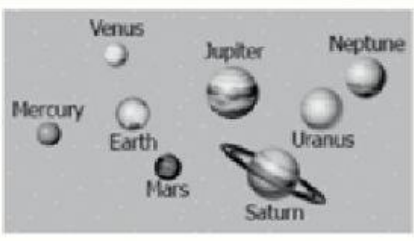
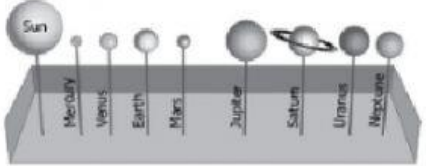
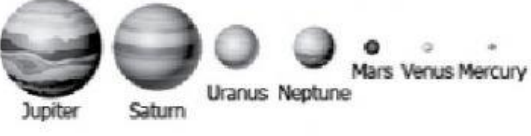
7. Based on their classification, which planet is *least* like the others?

- A. Jupiter
- B. Mars
- C. Saturn
- D. Uranus

8. What do all the planets in our solar system have in common?

- A. They all have their own source of light.
- B. They are all about the same size.
- C. They are all mostly solid and rocky.
- D. They all orbit around the Sun.

9. A student designs a model to show the order of the planets as they get farther from the Sun. Which model *accurately* shows the order of the planets?

A 	C 
B 	D 

10. Which planet has a gaseous surface?

- A. Mars
- B. Mercury
- C. Saturn
- D. Venus

11. Look at the diagram.

Which planets have rocky surfaces?

- A. Planets 1, 2, 3, and 4
- B. Planets 2, 3, 4, and 6
- C. Planets 4, 5, 6, and 7
- D. Planets 5, 6, 7, and 8

