

# The Planets of Our Solar System

Exit Quiz – Student Edition

Choose the **letter** of the correct answer for each question.

1. What kind of force holds the solar system together and governs the movement of the objects in it?
  - a. friction
  - b. gravity
  - c. normal
  - d. tension
  
2. Why does the sun pull the planets toward it?
  - a. because of its energy, it has a strong gravitational force
  - b. because of its temperature, it has a strong gravitational force
  - c. because of its size and mass, it has a strong gravitational force
  - d. because of its distance from the planet, it has a strong gravitational force
  
3. Which of the following is a natural satellite?
  - a. moon
  - b. spacecraft
  - c. star
  - d. weather satellite
  
4. Which statement best explains why planets closer to the sun revolve faster than those that are farther from it?
  - a. No gravitational force exists between objects that are close to one another.
  - b. No gravitational force exists between objects that are far from one another.
  - c. The closer two objects are from each other, the stronger the force of gravity is between them.
  - d. The farther two objects are from each other, the stronger the force of gravity is between them.
  
5. To what galaxy does the solar system belong?
  - a. Andromeda
  - b. Centaurus
  - c. Magellanic Cloud
  - d. Milky Way