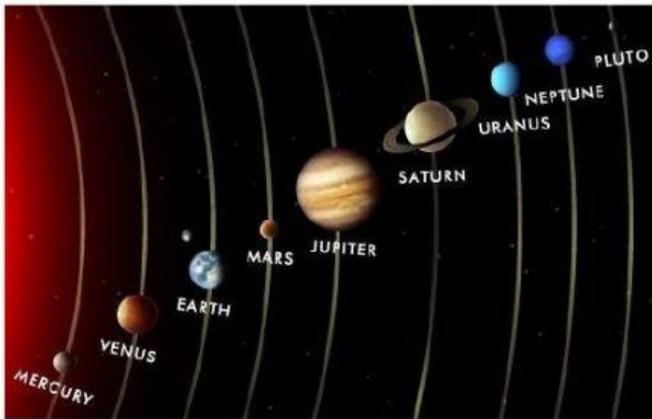


Name: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

1. These are the traditional 9 planets of the solar system. Which of them are gaseous giants?



- Mercury
- Pluto
- Venus
- Neptune
- Earth
- Uranus
- Mars
- Saturn
- Jupiter

2. Each of the drawings exemplifies one of Kepler's three laws. Which one is it?


3. This is the formula for the law of universal gravitation. Join each of the symbols with the proper name.

Mass of first object
distance between objects
gravitational force
mass of second object
constant of universal gravitation

$$F = G \frac{m_1 m_2}{r^2}$$