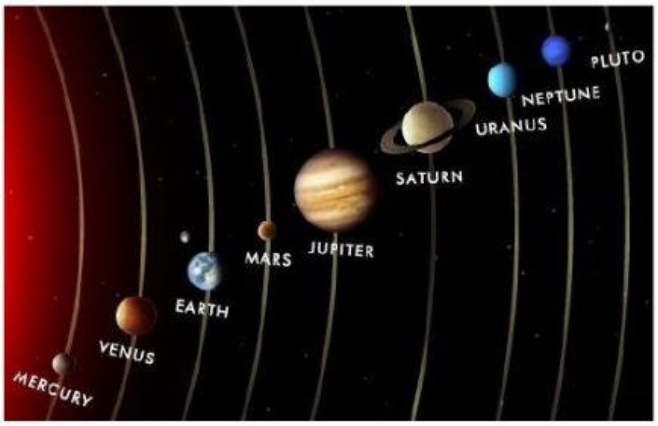
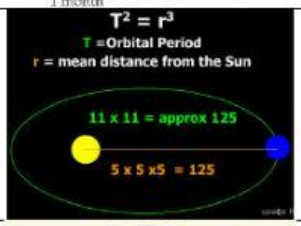
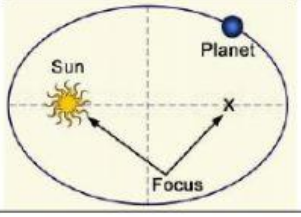
Name: _____ Section: _____ Date: _____

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 |

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