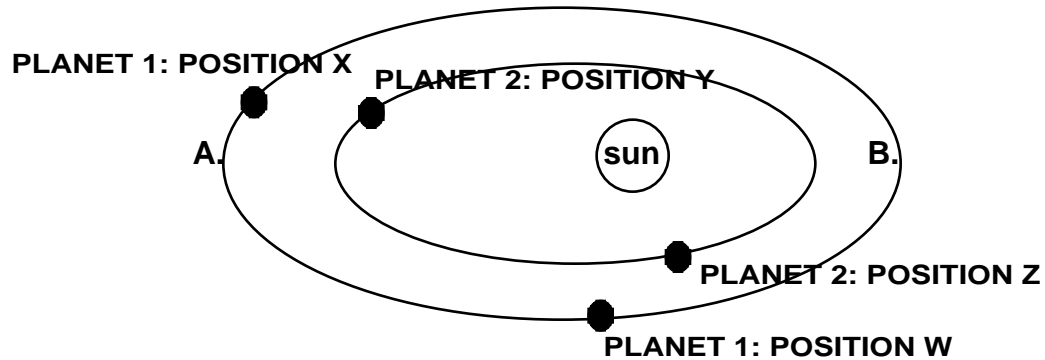


# Homework on Kepler's Laws of Planetary Motion :



1. What is position A called? \_\_\_\_\_  
 What is position B called? \_\_\_\_\_
2. What is the orbit of both planets 1 and 2 called? \_\_\_\_\_
3. Which planet has the longer period of revolution? \_\_\_\_\_  
 What is a period of revolution? \_\_\_\_\_
4. At which of its two positions will planet 2 travel faster? \_\_\_\_\_  
 How do you know?
5. At which of the four positions will either planet travel at the fastest speed?  
 \_\_\_\_\_ How do you know?
6. Which of Kepler's Laws of Planetary Motion did you use to answer question #4 and 5? \_\_\_\_\_
7. Which of Kepler's Laws of Planetary Motion did you use to answer question #3? \_\_\_\_\_
8. Which of Kepler's Laws of Planetary Motion did you use to answer question #2? \_\_\_\_\_