

NOTE:

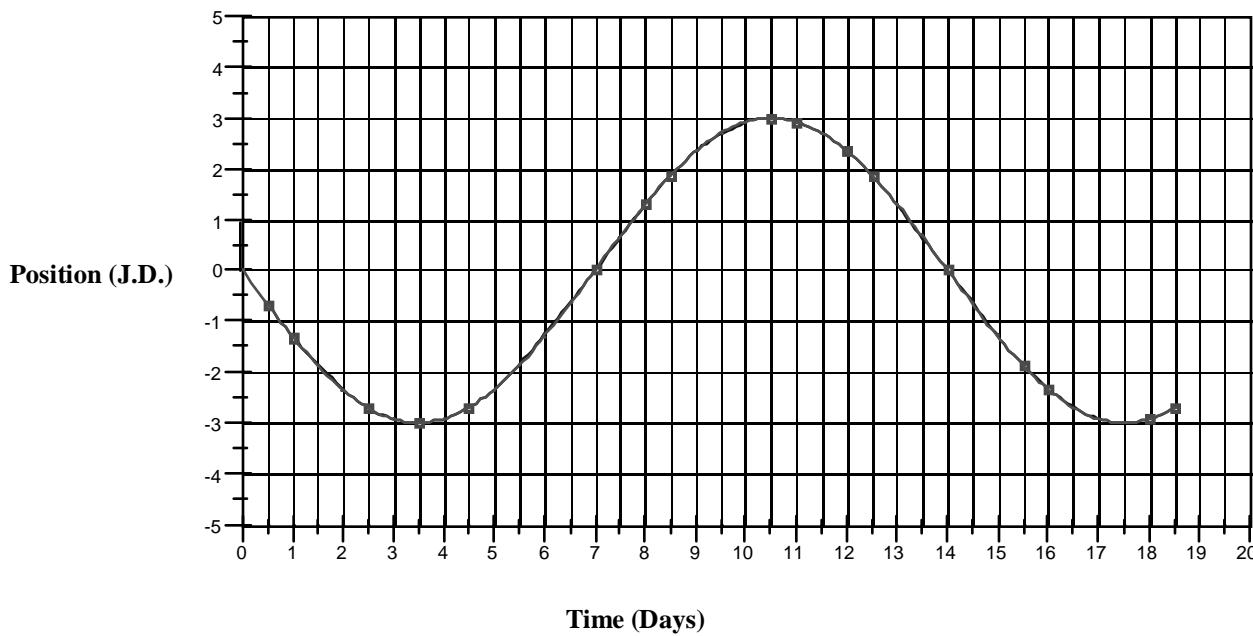
This document contains both the pre- and post- test and the pages are labeled accordingly.

The Revolution of the Moons of Jupiter

Pre-test

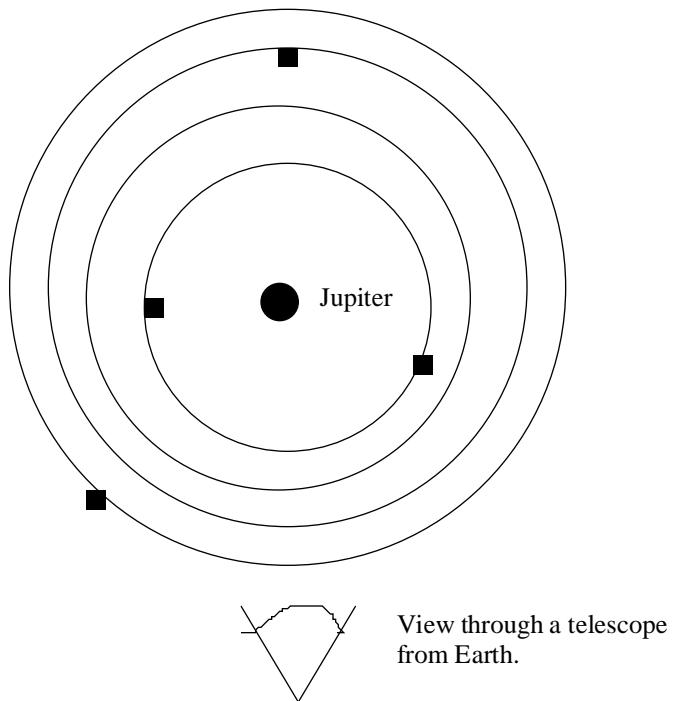
Name _____ Date _____
Graduation Date _____ Major _____

1. What important property of a planet do we learn by studying its moons?
2. Below is an graph plotting the distance of a moon from the planet versus time.



- a. What is the period of the moon?
- b. What is the radius of its orbit?
3. Moon A is 1 J.D. from Jupiter and goes around in 1 day. Moon B is 4 J.D. from Jupiter. What is the period of Moon B?
 - a. 8 days
 - b. 12 days
 - c. 4 days
 - d. cannot be determined

4. Below is a top-view diagram of the Jupiter and its moons. Draw a diagram illustrating how the moons would appear through a telescope when being viewed from Earth?



Draw your diagram in the space provided.

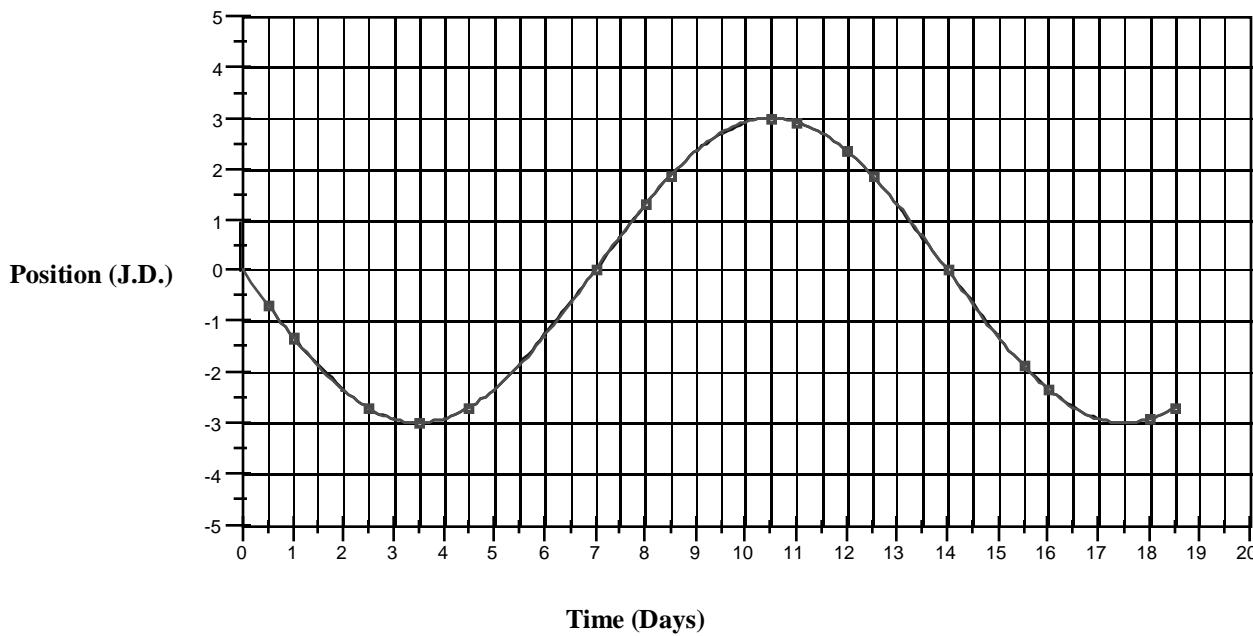
5. Which of the moons of Jupiter moves the fastest?

- a. Io
- b. Ganymede
- c. Callisto
- d. Europa

The Revolution of the Moons of Jupiter Post-test

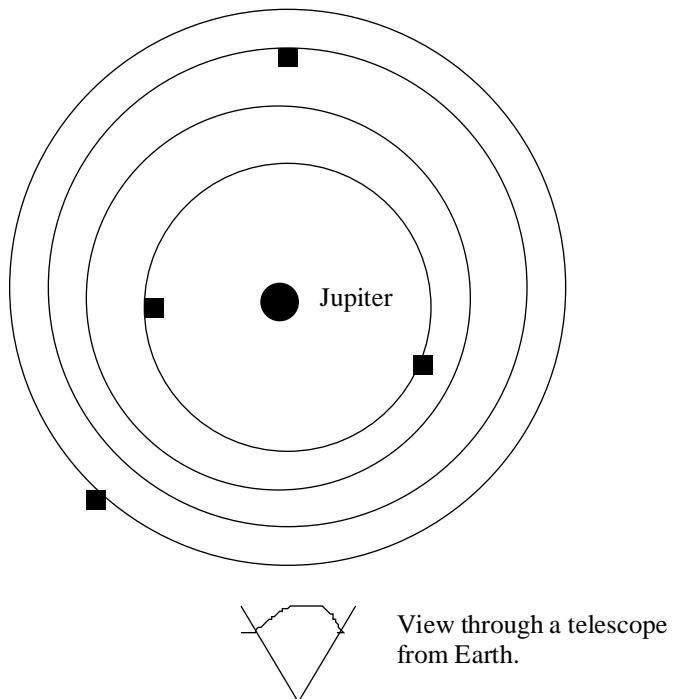
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