Exercise B2:
Planetary Orbits and Configurations

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: The sidereal period of Mercury is:

☐ **a.** 84 days

☐ **b.** 88 days

☐ **c.** 92 days

☐ **d.** 160 days

Question 2: Examine the current date in Main Window. When will the next superior conjunction of Venus occur?

☐ **a.** Early September 2009.

☐ **b.** Early November 2009.

☐ **c.** Early January 2010.

☐ **d.** Early March 2010.

Question 3: The synodic period of Mercury is:

☐ **a.** 20 days

☐ **b.** 88 days

☐ **c.** 105 days

☐ **d.** 116 days.

Question 4: What is the length of Jupiter's sidereal period?

☐ **a.** 1.1 years

☐ **b.** 5 years

☐ **c.** 12 years

☐ **d.** 18 years

Question 5: What is the length of Jupiter's synodic period? (Hint: Measure the time elapsed between two successive points of opposition.)

☐ **a.** 1.1 years

☐ **b.** 5 years

☐ **c.** 12 years

☐ **d.** 18 years