



Your Birthday on Another Planet

Name: _____
Class: _____ Date: _____

1. In what direction do the planets move around the Sun?
Answer by comparing this movement with the movement of the hands of a clock.

2. Which of the four planets travels fastest in its orbit around the Sun?

3. Which of the four planets travels most slowly in its orbit around the Sun?

4. You celebrate your birthday once every Earth year.
How do we determine the length of a year?

5. Does a "year" last the same amount of time on all the planets?

6. If you lived on Mercury, would your birthday occur more or less often than on Earth?

7. What would your age be in Martian years if you lived on Mars?

8. At what age in Earth years could you celebrate your first birthday on Uranus? On Pluto?

Your Birthday on Another Planet © 2002 Planétarium de Montréal—2002.04.04