

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## Foucault Pendulum Pre-Activity Survey **Answers**

1. What is a pendulum?

**A weight suspended from a pivot that can swing freely.**

2. What causes the bob on a simple pendulum to oscillate when moved from its resting position?

string length     bob weight     **gravity**     air currents     nothing

3. If you sit on a Ferris wheel without buckling your seat belt, what happens to you as the wheel rotates?

**Your body is projected far away from the wheel.**