**Centripetal Acceleration Activity –   
Accelerometer Survey**

**Directions**

Please answer the questions below as completely as possible.

1. What is force?

1. What are Newton’s *Three Laws of Motion?*

1. Define centripetal force:

1. Charlie is swinging his keychain (1 kg) around on the end of his .75 m long lanyard. He notices it makes 85 revolutions in one minutes. What is the centripetal force of the keys?

1. How does an accelerometer work?