

Name: _____ Date: _____

Centripetal Acceleration Activity – Accelerometer Survey

Directions

Please answer the questions below as completely as possible.

1) What is force?

2) What are Newton's *Three Laws of Motion*?

3) Define centripetal force:

4) 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?

5) How does an accelerometer work?
