Centripetal Acceleration Activity – Accelerometer Survey

Directions
Please answer the questions below as completely as possible.

1) What is force?

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2) What are Newton’s Three Laws of Motion?

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3) Define centripetal force:

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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?

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5) How does an accelerometer work?

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