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| AP PHYSICS 1 DYNAMICS LAB DESIGN 1Objective 1: Design a lab to prove that the acceleration for an object on a frictionless ramp and the ramp angle are related by **a = g sin Θ**Objective 2: Show that the acceleration of an object is not affected by its mass. * Two graphs are required for this lab.
* A sample calculation is required or objective 1.
* Units must be in meters, kilograms, and seconds
* Though it may be a little high, a percent error calculation is required. You must give reasons in your conclusion for the high percent error.
* Choose “Can Edit” when submitting the Google Document.

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