Unit 1 – Quiz 2

1. Consider your physics binder left sitting on the floor in the classroom. A student walks by and lifts your book and sets it on the table. Complete a System Schema and make Energy Pie Charts and State Diagrams to represent this event.

System Schema: Energy Pie Chart and State Diagram Analysis

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A

B

1. A rock is shot straight up into the air with a slingshot. Assume no air resistance. Complete a System Schema and make Energy Pie Charts and State Diagrams to represent this event.

System Schema: Energy Pie Chart and State Diagram Analysis: