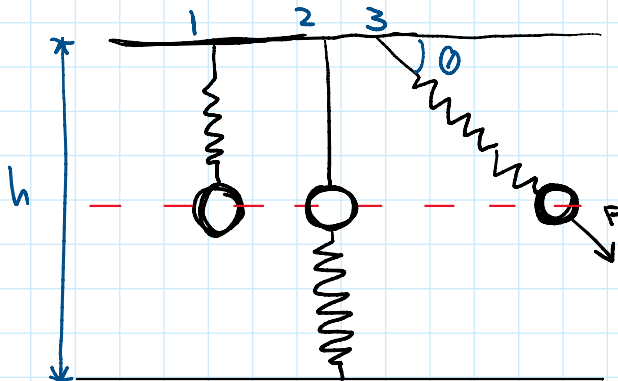


20-R-WE-DK-13 Beginner Potential energy

Inspiration: None



Please make the spring large and wide,
like an industrial spring

Determine if each scenario is feasible

Scenario 1: Feasible / Infeasible

Scenario 2: Feasible / Infeasible

Scenario 3: Feasible / Infeasible

Scenario 1 compared to Scenario 2 Equal

Scenario 2 compared to Scenario 3 Less

Scenario 3 compared to Scenario 1 More

What would happen if all scenarios were adjusted
such that the weight was resting at a height $\frac{3}{4}h$ off
the ground?

Scenario 1: Feasible / Infeasible

Scenario 2: Feasible / Infeasible

Scenario 3: Feasible / Infeasible

Infeasible because same weight and spring, can't just stretch less

More energy, less energy, equal energy, N/A, need more info

Scenario 1 compared to Scenario 2 N/A

Scenario 2 compared to Scenario 3 Need more information

Scenario 3 compared to Scenario 1 N/A