

## 3D Interactive Physics Simulations

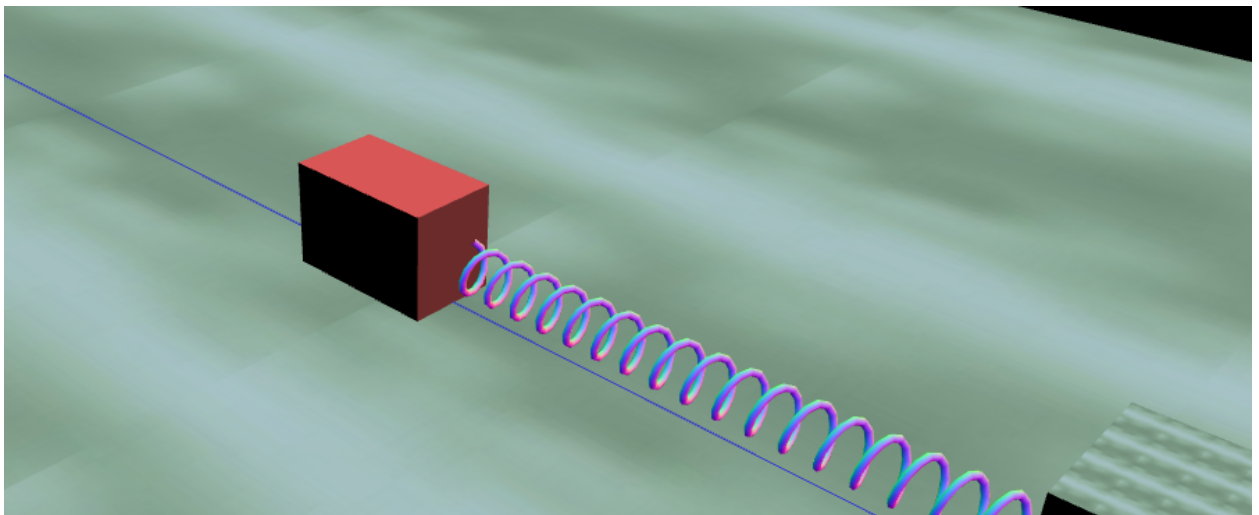
Play with and manipulate 5 of the simulations listed.  
Answer the following questions, please answer in 3-4 sentences each:

1. Which 5 simulations did you play with?
  - a. Static equilibrium
  - b. Kinetic & Elastic Energy problem
  - c. Convex lens
  - d. Launching ball
  - e. Light diffraction

2. What was interesting about these simulations to you?

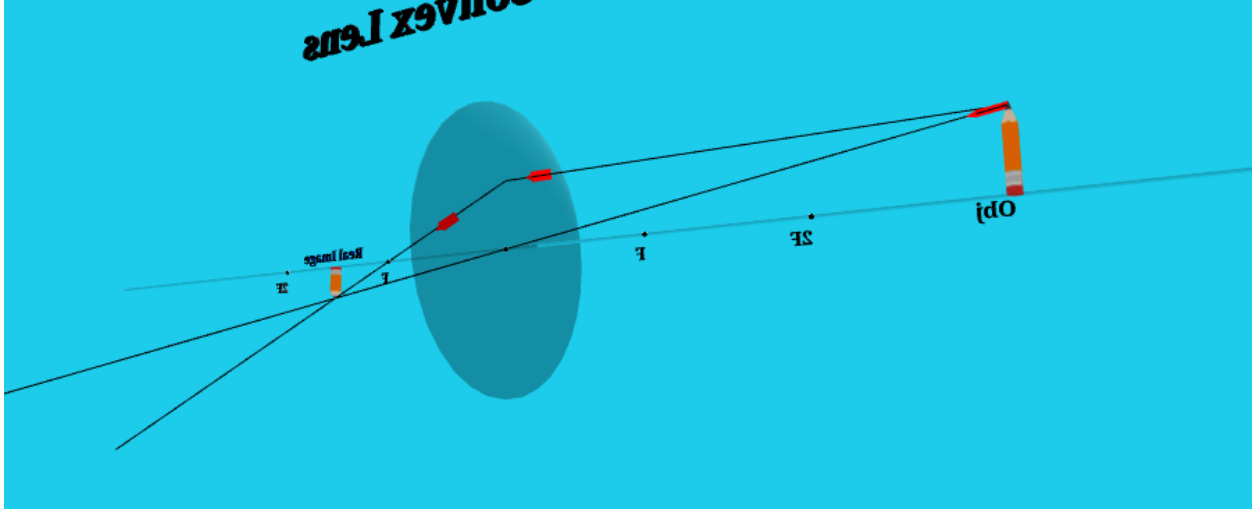
I do not understand the words from the simulation and I do not know how to solve it.

3. Pick one simulation, take a screenshot and describe what's going on.  
How does the simulation change when you change the input variables?



It says to calculate how much spring can be pushed in maximum.  
It does not let me put a variable in it says to put the answer for the problem.

4. Pick another simulation, take a screenshot and describe what's going on.  
How does the simulation change when you change the input variables?



As real image was farther it had to be larger to remain in same size.

5. What's your favorite simulation given this site?  
When I moved light near hair I could see light was diffracting when the hair is close to light.