Physics 100A
March 12, 2003
Quiz 6

Name _______________________

Also include name on reverse side →

1. Write down the 3 energy equations we have.

2. An elephant of unknown mass is dropped from a height of 100.0m onto a giant spring with initial height of 10.0 m off the ground. It has spring constant of 7.8x10^6 N/m, and compresses by 1.5 meters upon impact of the elephant. Find the mass of the elephant.