PHYS 133 – TERM 062
QUIZ # 5

Name: _____ ID # _____

1. A 300 Kg mass rests on a horizontal surface and attached to a spring (K=19.6 N/m). The spring is stretched to 15cm and released. Find:
   a) The total energy of the system
   b) The velocity of the mass when X=7.5cm from equilibrium.

2. If two successive overtones of a vibrating string are 280Hz and 350Hz, what is the frequency of the fundamental?