Question 1 (1 points) The equation $Q_1 - Q_2$ is the equation to determine $\Delta d$.

A. Chemical Energy  
B. Thermal Energy  
C. Kinetic Energy  
D. Electrostatic Energy  
E. The Law of conservation of Energy

Question 2: (4 points)

If a photon of light has a wavelength of 562 nm what is its frequency given $C = \lambda \nu$ and $C = 3.0 \times 10^8$ m/sec?