Wavelengths of Various "Particles"

Calculate the wavelength of

a. an electron that has been accelerated from rest
across a 3-Volt potential difference (m_e = 9.11×10^{-31} kg).

b. Ditto for a proton (m_p = 1.67×10^{-27} kg).

c. a major league fastball ($m_{baseball}$ = 0.15 kg, v = 50 m/s).