Free Particle Problem

A free electron has wave function $\Psi(x, t) = \sin(kx - \omega t)$. Determine the electron's de Broglie wavelength (in Å), momentum (in MKS), kinetic energy (in eV) and speed (in m/s) when $k = 50$ nm^{-1} and the particle's mass is $m = 9.1 \times 10^{-31}$ kg.