Assume the position

An 8.0 kg particle is moving in the positive direction along the x-axis. When it passes through x = 0, a constant force directed along the x-axis opposite to the motion of the particle begins to act on it.

If the value for K at x = 0 m is 30 J, what is the particle's velocity at x = 0 m?

direction of motion

K = 30 J

Constant Force

0   5