

[\[Item View \]](#)[\[Print \]](#)**Problem 2.39**

A particle's velocity is described by the function $v_x = kt^2$ m/s, where k is a constant and t is in s. The particle's position at $t_0 = 0$ s is $x_0 = -7.90$ m. At $t_1 = 2.00$ s, the particle is at $x_1 = 8.30$ m.

Part A

Determine the units of k in terms of m and s.

ANSWER: *Answer not displayed*

Part B

Part not displayed