



NAME

DATE

PROBLEM: 002**GIVEN:**

The acceleration of a point is $a = 20t \text{ m/s}^2$. When $t = 0$, $s = 40 \text{ m}$ and $v = -10 \text{ m/s}$.
What are the position and velocity at $t = 3 \text{ s}$?

REQUIRED:**SOLUTION:**