



NAME

DATE

PROBLEM: 005**GIVEN:**

The acceleration of an object is given as a function of its position in feet by $a = 2 \text{ s}^2 (\text{ft/s}^2)$. When $s = 0$, its velocity is $v = 1 \text{ ft/s}$. What is the velocity of the object when $s = 2 \text{ ft}$?

REQUIRED:**SOLUTION:**