

Sheet 1 → 8 + 3

#1

$v_i = 0$ $a = 2.0 \text{ m/s}^2$ $v_f = ?$

$d =$

$t = 5.0 \text{ s}$

$\frac{\text{m}}{\text{s}^2} \cdot \frac{\text{s}}{1} = \frac{\text{m}}{\text{s}}$ ^{UNITS}

$v_f = v_i + at = 0 + (2.0 \text{ m/s}^2)(5.0 \text{ s})$

$= 10. \text{ m/s}$

Mar 13-3:07 PM