

P #20

Ch. 2 - pg 51

$$V_i = +10 \text{ m/s}$$

$$V_f = -8.0 \text{ m/s}$$

$$t = .012 \text{ sec}$$

$$V_f = a \cdot t + V_i$$

$$(-8.0 \text{ m/s}) = a \cdot (.012 \text{ sec}) + (+10 \text{ m/s})$$

$$a = -1500 \text{ m/s}^2$$