$$a = \frac{(v_f - v_i)}{t}$$

$$a = \frac{(3\ m/s - 2\ m/s)}{4\ s}$$

$$a = \frac{(3-2)}{4}$$

Jan 5-9:33 AM

$$4\ m/s^2 = \frac{(v_f - 6\ m/s)}{12\ s}$$

$$12 \times 4 = \frac{(v_f - 6)}{12} \times 12$$

$$12 \times 4 + 6 = v_f - 6 + 6$$

$$(12 \times 4) + 6 = v_f$$

$$v_f = (12 \times 4) + 6$$

Jan 5-9:39 AM

$$6\ m/s^2 = \frac{(14\ m/s - v_i)}{2s}$$

$$2 \times 6 = \frac{(14 - v_i)}{2} \times 2$$

$$2 \times 6 + v_i = 14 - v_i + v_i$$

$$(2 \times 6) + v_i - (2 \times 6) = 14 - (2 \times 6)$$

$$v_i = 14 - (2 \times 6)$$

Jan 5-9:43 AM

$$7\ m/s^2 = \frac{(14\ m/s - 10\ m/s)}{t}$$

$$t \times 7 = \frac{(14-10)}{t} \times t$$

$$\frac{t \times 7}{7} = \frac{(14-10)}{7}$$

$$t = \frac{(14-10)}{7}$$

Jan 5-9:47 AM