Question

We have: that $v_0 = 5\ \dfrac{m}{s}$, $t = 5$ s and $a = 1.2\ \dfrac{m}{s^2}$. And we need to find v_1.

We will have: $v_1 = v_0 + at = 5 + 1.2 \cdot 5 = 5 + 6 = 11\ \dfrac{m}{s}$.

Answer: $11\ \dfrac{m}{s}$.