

Sci 10 Proof of $V_f = V_i + at$

Start with $a = \frac{\Delta V}{\Delta t}$

$a = \frac{V_f - V_i}{t}$

$a = \frac{V_f - V_i}{t}$

$at = V_f - V_i$

$V_i + at = V_f$

$V_i = V_f - at$

time can't be neg.

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