A stone is thrown up in the positive $y$-direction with an initial velocity.

Which graphs correctly describe the magnitude of $v(t)$ & $a(t)$ for the motion?

A) ![Graph A]

B) ![Graph B]

C) ![Graph C]
The motion along the $v_y$-axis should be described by $|\vec{v}| = -\text{constant} \times t$.

Answer C.

02.05-11 'Displacement' 'Curve' 1 2004-3-24