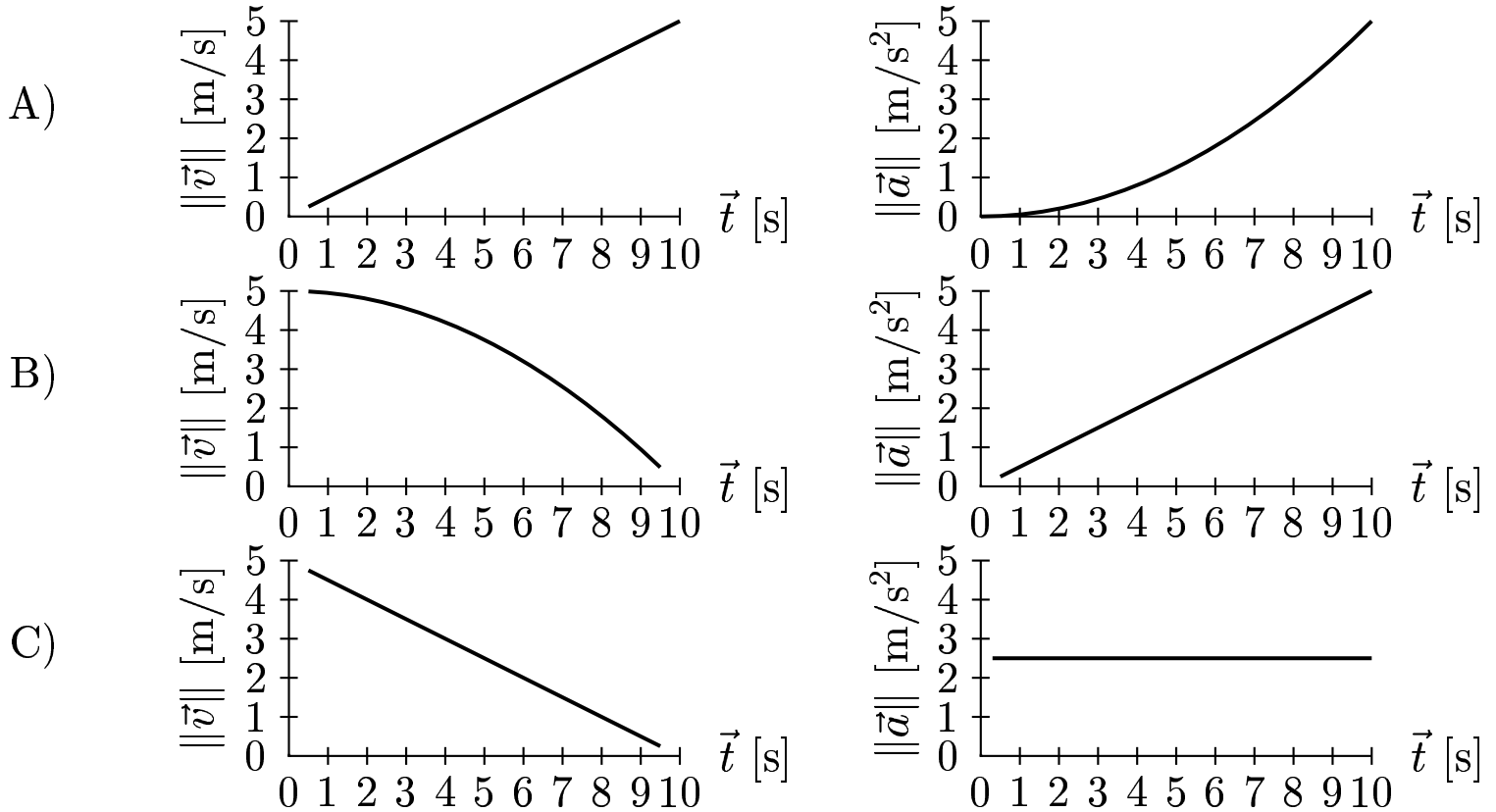


A stone is thrown up in the positive y -direction with an initial velocity.

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



The motion along the v_y -axis should be described by $\|\vec{v}\| = -\text{constant} \times t$.
 Answer **C**.