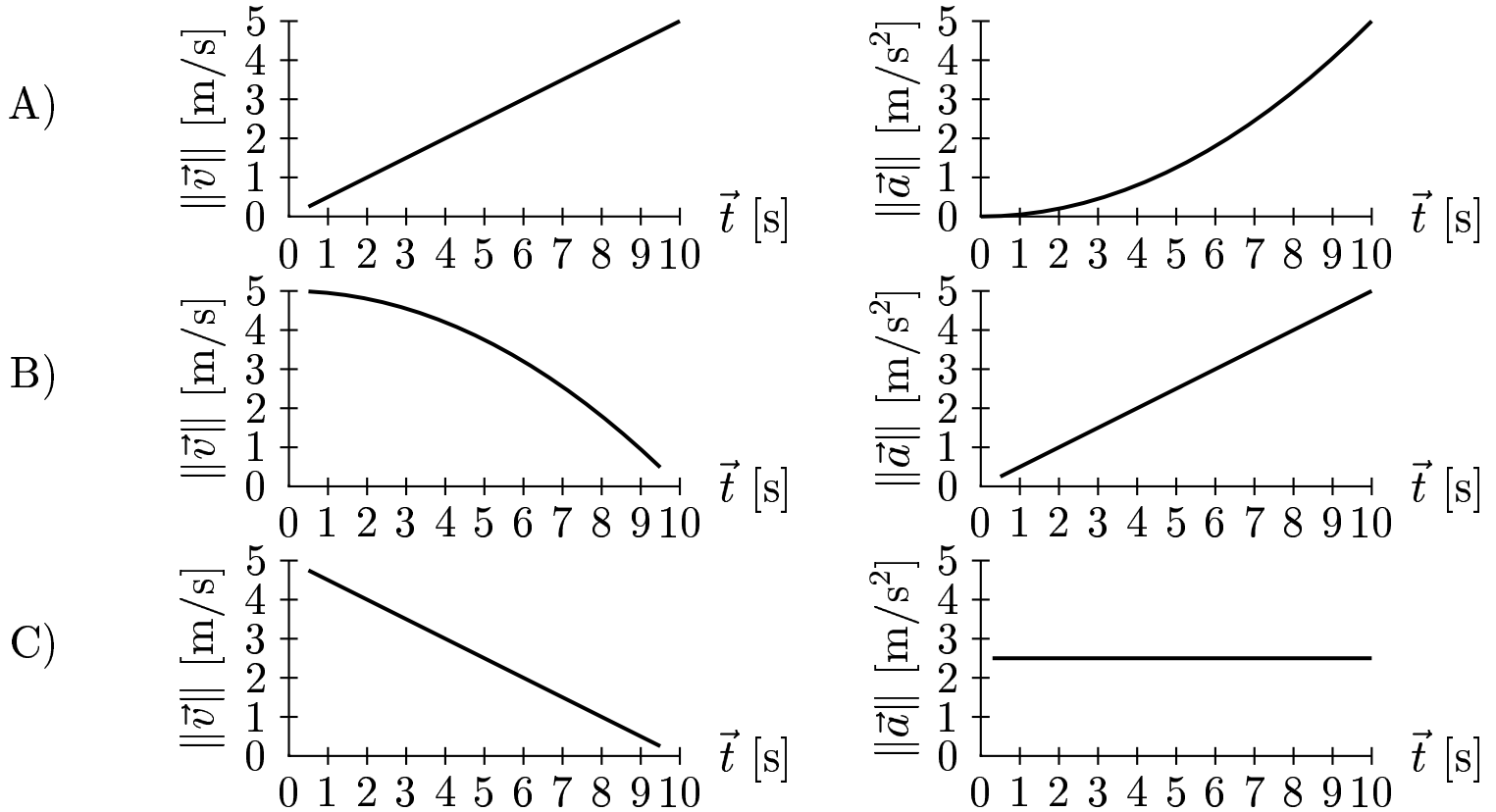


A stone is thrown up in the positive  $y$ -direction with an initial velocity.

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




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