Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 June 14**	

Standard: This student is able to... **C03: VectCalc.** Compute and apply vector function limits, derivatives, and integrals. 4/4 ⋆ reattempt due on:	Mark:

Find $\mathbf{r}(t)$ given $\mathbf{r}'(t) = \langle -\sin(t), 4 + 2t \rangle$ and $\mathbf{r}(0) = \langle 3, 2 \rangle$.

Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 June 13**	

Standard: This student is able to... **S04: Kinematics.** Compute and apply position, velocity, and acceleration vector functions. 2/3 ⋆ reattempt due on:	Mark:

Suppose the movement of a particle along the curve $y = x^2$ is described by $\mathbf{r}(t) = \langle 2t - 1, 4t^2 - 4t + 1 \rangle$. Sketch this curve and plot the point $\mathbf{r}(1)$ along with its velocity and acceleration vectors $\mathbf{v}(1), \mathbf{a}(1)$.