Math 115 Practice Final
Answers, Part II

4. b) \[
\begin{align*}
    x &= -4t^2 \\
    y &= 2t
\end{align*}
\]

\[ \implies x = -y^2 \]

when \( t = -1 \), \( (x, y) = (-4, -2) \).

\[ \text{tangent vector at } t = -1 \]

6. (a)

(b)

(c)