

Quiz 4 Calculus 1 9/27/2002

Each problem is worth 5 points. Show complete justification for full credit.

1. If $y = (t^2 - 2t)e^t$, find y' .

2. Find an equation of the line tangent to the curve $y = \frac{2x}{x+1}$ at the point $(-2, 4)$.