

MATH 162 QUIZ, Spring 2007

Name: _____

1. Eliminate the parameter and find the Cartesian equation. $x(t) = 4 \cosh t$, $y(t) = 5 \sinh t$.
a) _____ b) Sketch the curve.

Ans: _____.

2. Find the length of the curve $x(t) = e^t + e^{-t}$; $y(t) = 5 - 2t$, $0 \leq t \leq 2$.

Ans: _____.

Extra Space