

Name:
Section:

Quiz 2

1. Parameterize the tangent line to the curve $r(t) = \langle 2t, t^2 + 1, \sin t \rangle$ at $t = 0$.

2. Find the length of the curve $r(t) = \langle \sin t, \cos t, t \rangle$ over the interval $0 \leq t \leq \pi$.