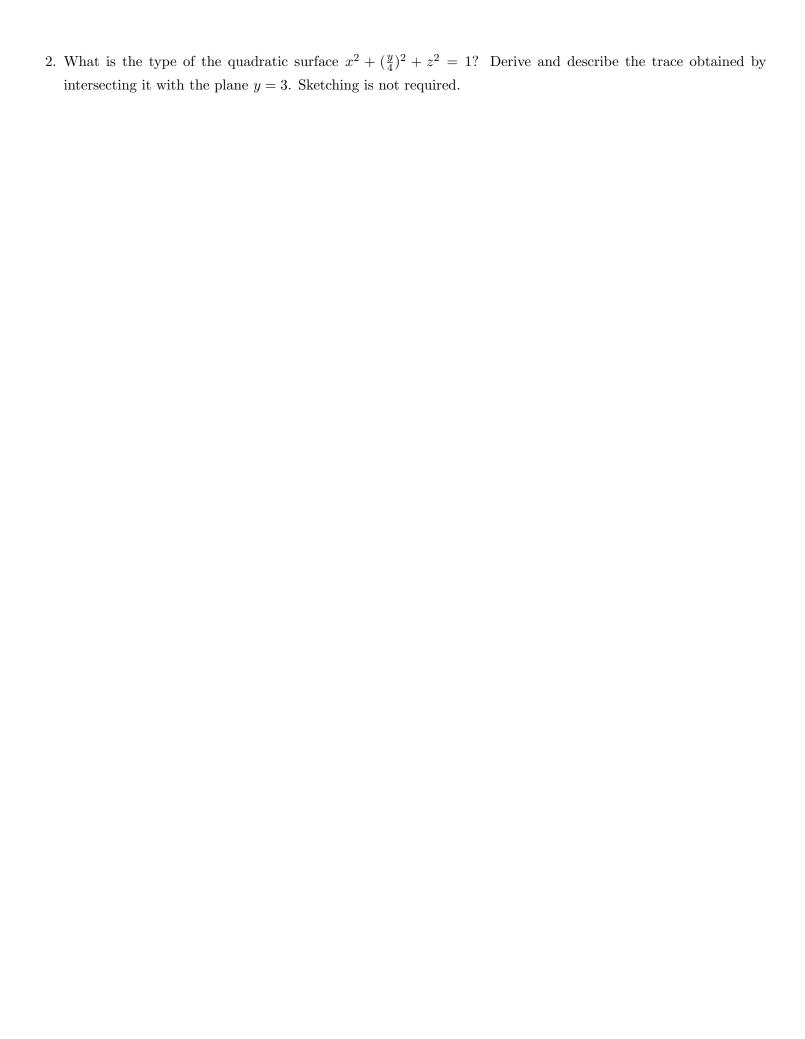
Take-home Quiz 2 Math 32A

Note: Due Feb 15 Saturday at 11:59pm (I do not want to make it due on Valentine's day.) There are three questions in total.

1. $\mathbf{r}(t) = \langle t, \cos t, \sin t \rangle$, find $a_{\mathbf{T}}$ and $a_{\mathbf{N}}$ as a function of t.



3. Sketch a contour map of f(x,y) = 2x + y with the contour interval m = 2.