Quiz 5 Show your work
April 15, 2016

[20] 1.) Given that $\mathcal{L}(e^{at}sin(bt) = \frac{b}{(s-a)^2+b^2}$, find $\mathcal{L}^{-1}\left(\frac{4}{s^2+3s+10}\right)$

$\mathcal{L}^{-1}\left(\frac{4}{s^2+3s+10}\right) =$ _____