

King Fahd University of Petroleum & Minerals
Department of Math and Stat
Math 132 Semester 141 - Quiz 5

Name _____ ID No. _____

1) Find the exact area of the region bounded by the graphs of $y = 8 - 2x - x^2$ and $y = 3x + 2$. Also sketch the region.

2) Use integration by parts to find: $\int \frac{\ln x}{x^4} dx$.