

MATH 152 Quiz 3

Class time:

Name:

Student number:

Show all work. 5 points each.

1) Evaluate the improper integral $\int_{-\infty}^{-2} \frac{2}{x^3} dx$

2) If $f(x, y) = e^{-x^2+y}$ find $f_x(x, y)$ and $f_x(2, 4)$