

Name: ANSWERS Lehman ID: _____

By writing my name above, I acknowledge complying with the CUNY Academic Integrity Policy while completing this examination.

MAT175 (Spring 2019)
Quiz 6

1. Compute the following indefinite integrals:

(5 pts) $\int x^4 + 2x - \sqrt{2} dx$

$$\int x^4 + 2x - \sqrt{2} dx = \frac{x^5}{5} + x^2 - x\sqrt{2} + C$$

(5 pts) $\int e^x + 1 - \sin(x) dx$

$$\int e^x + 1 - \sin x dx = e^x + x + \cos x + C$$