

# Quiz 4

Name:

Directions: Answer each question to the best of your ability. You may use a calculator, but you must show all work to receive full credit.

1. Find  $\int_0^8 2x^4 - 3x^2 dx$  using the given rule and number of subdivisions (7 pts each)

(a) *TRAP*(4)

(b) *MID*(4)

(c) *SIMP*(8)

2. Find the indefinite integral,  $\int \frac{x+3}{x^2+6x+8} dx$ . (4 pts)