

NAME: _____ ID: _____ Section: _____

Exercise 1 (5 points)

Evaluate $\int x^3 e^{x^2} dx$.

Exercise 2 (5 points)

Evaluate $\int x \sin^3(x^2) \cos^2(x^2) dx$.

NAME: _____ ID: _____ Section: _____

Exercise 1 (5 points)

Evaluate $\int x^2 \ln x dx$.

Exercise 2 (5 points)

Evaluate $\int (4x - 2) \tan^3(x^2 - x) \sec^4(x^2 - x) dx$

