

NAME: _____ ID: _____ Section: _____

Exercise 1 (5 points)

Evaluate $\int \sin^{-1}(2x)dx$.

Exercise 2 (5 points)

Evaluate $\int x \tan^3(x^2 + 1) \sec^2(x^2 + 1)dx$.

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Evaluate $\int \tan^{-1}(3x)dx$.

Exercise 2 (5 points)

Evaluate $\int (2x + 1) \sin^3(x^2 + x) \cos^2(x^2 + x) dx$

