

170 §6- CALCULUS I - Quiz 11

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Name _____

Please show all your work, not just final answers.

1. Find the derivative of $G(x) = \int_1^{5x^2} (t - \sin(t)) dt$.
2. Find $\int_0^{\sqrt{\pi}/2} x \sec^2(x^2) \tan(x^2) dx$.