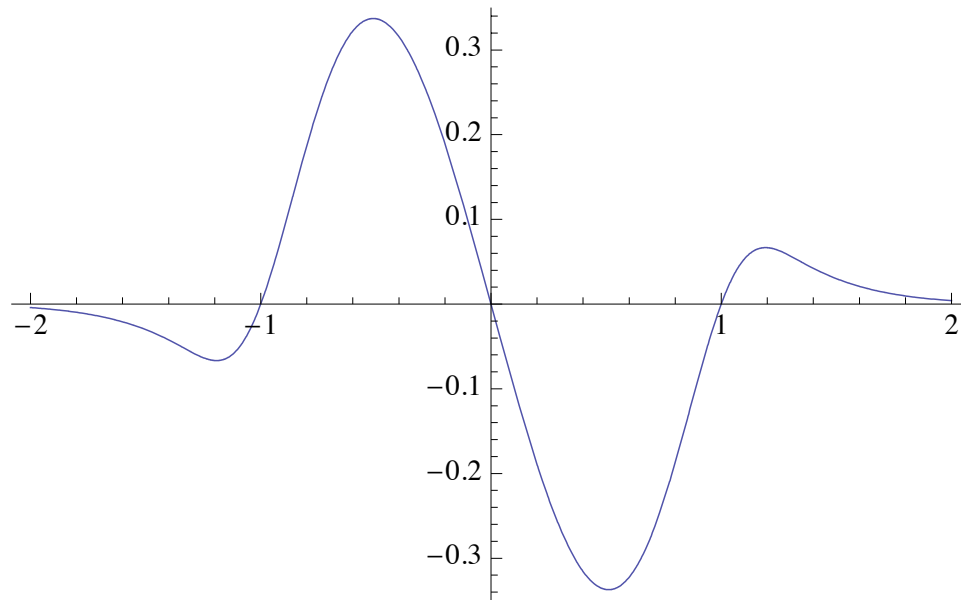
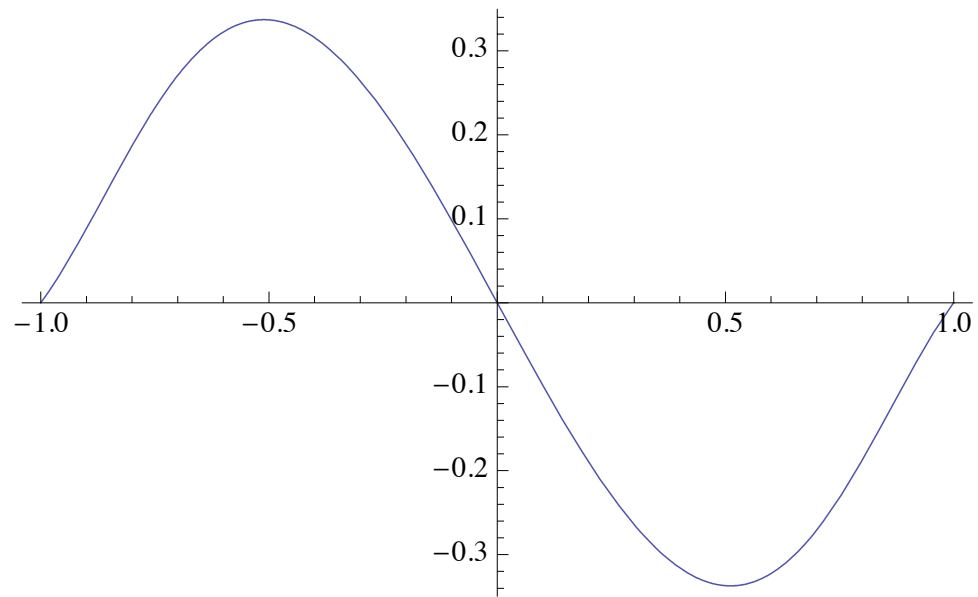


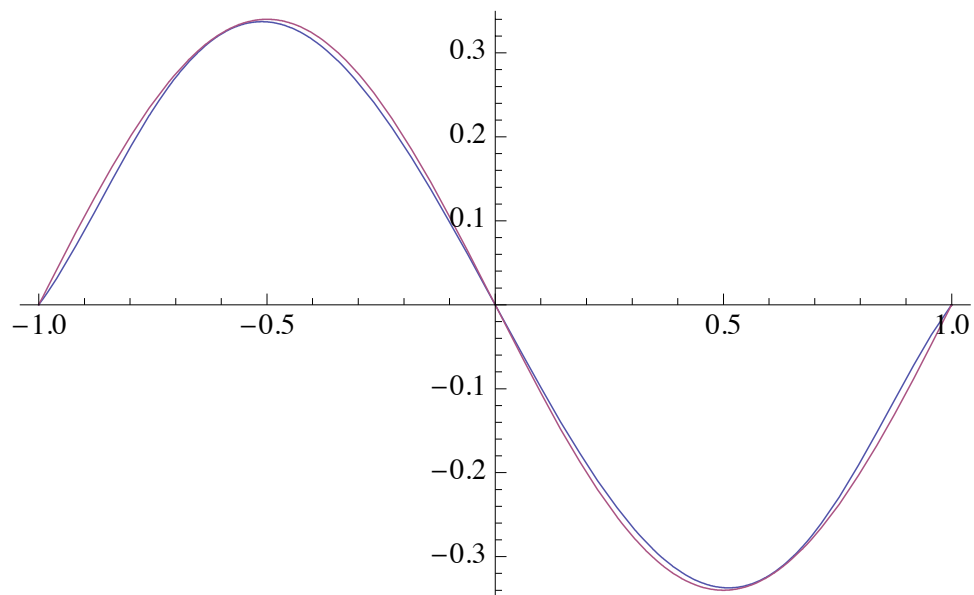
$$F(x) = \int_x^{x^3} e^{-t^2} dt \text{ on } [0, 5]$$



$$F(x) = \int_x^{x^3} e^{-t^2} dt \text{ on } [-2, 2]$$



$$F(x) = \int_x^{x^3} e^{-t^2} dt \text{ on } [-1, 1]$$



$$F(x) = \int_x^{x^3} e^{-t^2} dt \text{ and } g(x) = \sin(\pi x) \text{ on } [-1, 1]$$