

a) $F(x) = e^{x^2-2x-2} + 1 - e^{-2\sqrt{2}}$

b) $F(x) = \frac{1}{2}(x^2 + x - 1)^2 + \frac{1}{2}$

c) $F(x) = (\ln(x))^2 + 3$