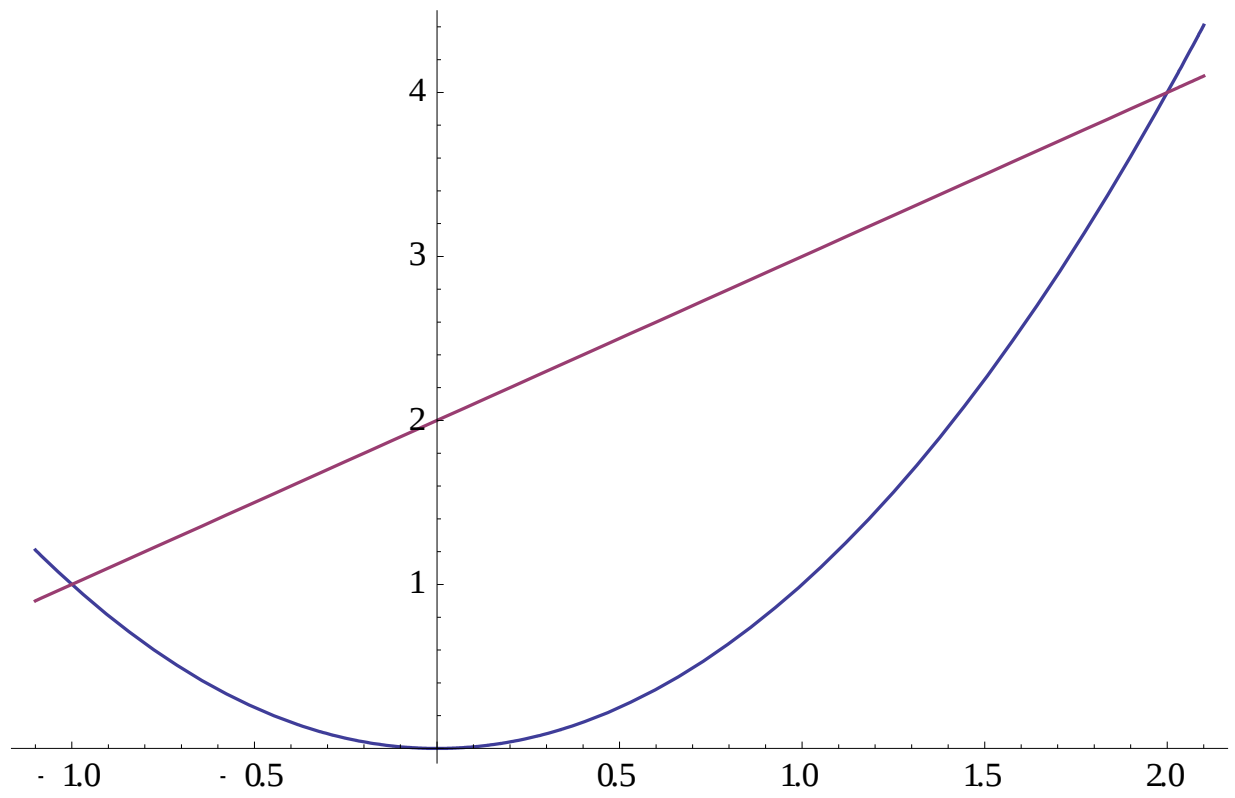




$$\int_{-1}^2 (x + 2 - x^2) dx = \left(2x + \frac{x^2}{2} - \frac{x^3}{3} \right) \Big|_{-1}^2 = \frac{9}{2}$$