$$\int_0^x e^{-u^2}\, \mathrm{d}u =?$$

$$y = ax^2 + bx + c$$

$$a(1)^2 + b(1) + c = \frac{5}{2},$$
$$a(3)^2 + b(3) + c = \frac{31}{8},$$
$$a(5)^2 + b(5) + c = \frac{15}{4}$$