Find $\int \frac{dx}{x^2 - 8x + 1}$

Find
$$\int \frac{dx}{x^2 - 8x + 1}$$

$$\int \frac{dx}{x^{2}-8x+1} = \chi^{2}-8x+\frac{3}{2} + \frac{3}{2} + \frac{3$$