$$f(x) = x^2 \tag{1}$$

$$f(x) = \frac{1}{2}x^3 \tag{2}$$

Solve

$$x^2 + 3x + 9 = 0$$

Solve $x^2 + 3x + 9 = 0$

Solve $\frac{1}{2}x^{21} = \log_{10} 100$

Solve $\frac{1}{2}x^2 = \log_{x^2+3x+9=0} 100$

Solve

$$\frac{1}{2}x^2 = \log_{10} 100$$

$$x^2 + 3x + 9 = 0 \tag{3}$$

$$x^2 + 3x = -9$$

$$\frac{1}{3}x^2 + x = -3 \tag{4}$$