

$$\boxed{1} \text{ desolve}(y'+4y=\exp(x), y)$$

$$\frac{5 \cdot c_0 e^{-4x} + e^x}{5} \quad (1)$$

$$\boxed{2} \text{ desolve}(y''+3y=3, y)$$

$$1 + (c_0 - 1) \cos(\sqrt{3} \cdot x) + c_1 \cdot \frac{1}{\sqrt{3}} \sin(\sqrt{3} \cdot x) \quad (2)$$

$$\boxed{3} \text{ desolve}([y'-3y=7, y(0)=0], y)$$

$$\left[\frac{7e^{3x} - 7}{3} \right] \quad (3)$$

$$\boxed{4} \text{ int}(x^2-x, x, 0, 4)$$

$$\frac{40}{3} \quad (4)$$