





Example: Find the general solution of the given second-order differential equation.

$$y'' - 10y' + 25y = 0$$

Example: $2y'' - 3y' + 4y = 0$

Example: Find the general solution of the given higher-order differential equation.

$$\frac{d^3x}{dt^3} - \frac{d^2x}{dt^2} - 4x = 0$$

