

$$9.57. \frac{dy}{dx} - y = 2e^x.$$

$$9.59. \frac{dy}{dx} + 3y = e^{7x}.$$

$$9.61. \frac{dy}{dx} + 2y = -2e^{6x}.$$

$$9.63. \frac{dy}{dx} + 2y = 4x.$$

$$9.65. \frac{dy}{dx} + 2y = x^2 - x - 1.$$

$$9.58. \frac{dy}{dx} + y = e^{-x}.$$

$$9.60. \frac{dy}{dx} - 6y = -2e^{4x}.$$

$$9.62. \frac{dy}{dx} - 2y = 3e^{2x}.$$

$$9.64. \frac{dy}{dx} + y = 2x.$$

$$9.66. \frac{dy}{dx} + y = 2x^2 - 2x + 1,$$