

1.38
1

$$x^2 - 2x - 15 = 0$$

$$x_1 + x_2 = 2$$

$$x_1 \cdot x_2 = -15$$

$$ay^2 + by + c = 0$$

$$\frac{b}{a} = y_1 + y_2 = x_1 + 3 + x_2 + 3 = 8$$

$$\frac{c}{a} = y_1 \cdot y_2 = (x_1 + 3)(x_2 + 3) = x_1 \cdot x_2 + 3x_1 + 3x_2 + 9 = 0$$

המשוואה הנדרשת היא:

$$y^2 - 8y = 0$$