

Homework – Quadratic Formula #4

Solve the quadratic equation

$$1) \quad y = x^2 + 8x + 9 \qquad x = -4 \pm \sqrt{7}$$

$$2) \quad f(x) = x^2 - 6x - 35 \qquad x = 3 \pm 2\sqrt{11}$$

$$3) \quad y = 3x^2 - 24x + 27 \qquad x = 4 \pm \sqrt{7}$$

$$4) \quad y = -4x^2 + 20x + 13 \qquad x = \frac{5 \pm \sqrt{38}}{2}$$

$$5) \quad f(x) = 5x^2 + 3x - 1 \qquad x = \frac{-3 \pm \sqrt{29}}{10}$$