

$$10. \quad -10x^2 - 34x - 12 = 0$$

$$\frac{-1}{2}(-10x^2 - 34x - 12) = \frac{-1}{2}(0)$$

$$5x^2 + 17x + 6 = 0$$

$$(5x + 2)(x + 3) = 0$$

$$5x + 2 = 0$$

$$-2 \quad -2$$

$$5x = -2$$

$$x = \frac{-2}{5}$$

$$x + 3 = 0$$

$$-3 \quad -3$$

$$x = -3$$