$7x^2 + 9x = 100$

$7x^2 + 9x = 100 \mid -100$

$7x^2 + 9x - 100 = 0$

A = 7 ; B = 9 ; C = -100

$$x_{1,2} = \frac{-9 \pm \sqrt{9^2 - 4 * 7 * (-100)}}{2 * 7}$$

$$x_{1,2} = \frac{-9 \pm \sqrt{81 + 2800}}{14}$$

$$x_{1,2} = \frac{-9 \pm \sqrt{2881}}{14}$$

$$x_{1,2} = \frac{-9 \pm 53,7}{14}$$

$$\mathbf{x_1} = \frac{-62,7}{14} = \mathbf{-4,68}$$

$$\mathbf{x_2} = \frac{44,7}{14} = \mathbf{3,19}$$