

$$4) 0,1x^2 - 14 = -0,4x$$

$$0,1x^2 + 0,4x - 14 = 0 \cdot 10$$

$$x^2 + 4x - 140 = 0$$

$$D = b^2 - 4ac$$

$$D = 4^2 - 4 \cdot (-140) = 576$$

$$x_{1,2} = \frac{-b \pm \sqrt{D}}{2a}$$

$$x_{1,2} = \frac{-4 \pm \sqrt{576}}{2} = \frac{-4 \pm 24}{2}$$

$$x_1 = 10; x_2 = -14$$

Ornbern: 10; -14.