

LÖSUNG ZU 946:

e)

$$2x^2 + x - 45 = 0$$

$$x_{1,2} = \frac{-1 \pm \sqrt{1 - 4 \cdot 2 \cdot (-45)}}{4} = \frac{-1 \pm \sqrt{361}}{4} = \frac{-1 \pm 19}{4}$$

$$x_1 = -5 \quad x_2 = 4,5$$

$$2x^2 + x - 45 = 2 \cdot (x + 5) \cdot (x - 4,5)$$

