

V13

$$\begin{aligned} \text{a) } x^2 &= 16 \\ \Leftrightarrow \{ (4 / (-4)) \} \end{aligned}$$

$$\begin{aligned} \text{b) } x^2 - 49 &= 0 \quad | +49 \\ x^2 &= 49 \\ \Leftrightarrow \{ (7 / (-7)) \} \end{aligned}$$

$$\begin{aligned} \text{c) } 3x^2 - 75 &= 0 \quad | +75 \\ 3x^2 &= 75 \quad | :3 \\ x^2 &= 25 \\ \Leftrightarrow \{ (5 / (-5)) \} \end{aligned}$$

V14

$$\text{a) } 4x^2 + 6x = 2x \cdot (2x + 3)$$

$$\text{b) } x^2 + 10,8x = x \cdot (x + 10,8)$$

$$\text{c) } 5x^2 + 10x = 5x \cdot (x + 2)$$