

LÖSUNG ZU 307:

1)

$$(2 - x)^2 - (x + 1)(x - 1) + 7 = (-4)(x - 3)$$

$$4 - 4x + x^2 - x^2 + 1 + 7 = -4x + 12$$

$$-4x + 12 = -4x + 12$$

$$12 = 12$$

unendlich viele Lösungen

2)

$$4x(x + 5) + 6 = (2x + 3)^2 - 2(1 - 4x)$$

$$4x^2 + 20x + 6 = 4x^2 + 12x + 9 - 2 + 8x$$

$$20x + 6 = 20x + 7$$

$$6 = 7$$

Keine Lösung

