

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

Lösungsmenge?

Lösung:

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

umformen

$$25 - x^2 = x^2 + 6x + 9 - x^2 + 8x - 16$$

umformen

$$-x^2 - 14x + 32 = 0$$

Lösungsformel

$$L = \{ (-16 ; 2) \}$$