

**Lösungen****Nr. 1**

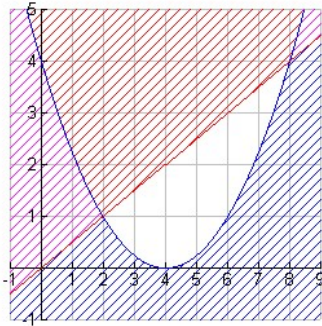
a)  $a = \frac{1}{4}, b = -1, c = -3$

b)  $L = ]-\infty, -4[ \cup ]8, +\infty[$

**Nr. 2**

a)  $W = [-2, +\infty[$

b)  $L = ]-\infty, -\sqrt{3}[ \cup ]\sqrt{3}, +\infty[$

**Nr. 3**

b) (2|1), (8|4)

c) 6 Punkte: (3|1), (4|1), (5|1), (5|2), (6|2), (7|3)

**Nr. 4**

a) (0|0), für  $a \neq 0$  gilt  $x_2 = 2 - \frac{1}{a}$

b) (0|0), (2|-2)

**Nr. 5**

$a \neq -\frac{3}{2}$

**Nr. 6**

a)  $t = \pm 2$

b)  $t = \pm 2$

c)  $t = 0$