

## Ma 7b – Lösungen (02.06. – 05.06.)

Zusammenfassen von Summanden  
mit gleichen Variablen

Lb 5.147/3

a)  $14d + 16d - 3d = \underline{27d}$   
b)  $24b - 21b - 5b = \underline{-2b}$   
c)  $4,7x + 3,2x - 5,2x = \underline{2,7x}$

Lb 5.147/9 a/b

a)  $\underline{5a} + 11b + \underline{7a} = \underline{12a} + 11b$   
 $\underline{7q} - 3p - \underline{8q} = \underline{-1q} - 3p$   
 $\underline{-9t} + t + \underline{9s} = \underline{-8t} + 9s$

b)  $75x - 14x^2 + 33y = \underline{75x - 14x^2 + 33y}$   
 $\underline{100a} + 26b - \underline{77a} = \underline{23a} + 26b$   
 $\underline{-9z} + \underline{97t} + \underline{3t} = \underline{-9z} + 100t$

c) Zusatz!

$\underline{42u^2} + \underline{57v^2} - \underline{48v^2} = \underline{42u^2} + 9v^2$   
 $\underline{1a^2} - 18^2 - \underline{30a^2} + 1 = \underline{-29a^2} - 18^2 + 1$   
 $\underline{0,2x^2} + \underline{4y} - x + \underline{1,3y} = \underline{0,2x^2} + \underline{5,3y} - x$

Lb 5.147/10

a)  $3x + 7x + 2x = \underline{12x}$   
b)  $-4a - 3a + 8a = \underline{1a}$   
c)  $4y - 9y + 2y = \underline{-3y}$

d)  $\underline{2a} + \underline{4a} - b + \underline{6b} = \underline{6a} + \underline{5b}$   
e)  $\underline{-x} \cdot 4 + y - 3y + \underline{12x} = \underline{-2y} + \underline{8x}$   
f)  $\underline{-8x} + 3x - \underline{5y} - 12y = \underline{-x} \cdot \underline{5} - \underline{17y}$