

# Addieren und Subtrahieren mit Variablen

Lösungen

## Level I:

1. $x + x + x + x = 4x$	6. $8m - 15m + 3m + 20m = 16m$
2. $3y + y + 2y - y = 5y$	7. $5f - 7f - 3f + 2f = -3f$
3. $4a - 3a + 6a - a = 6a$	8. $-w + 13w - 11w - 2w = -w$
4. $14g - 7g + 2g - 8g = g$	9. $-9c + 5c - 11c + 5c = -10c$
5. $12s - 8s + 2s - 6s = 0$	10. $3r - 15r + 6r + 8r = 2r$

## Level II:

1. $5d + 3d + 5e - 2e - d = 7d + 3e$	6. $6x + 5y - 8x + 7y + 2x = 12y$
2. $4h + 2i - h + 5i + 7h = 10h + 7i$	7. $-a + 5b - a - 8b + 3b = -2a$
3. $8j - 8k + 12j + k + 5k = 20j - 2k$	8. $15e - 3f - 15e + 5f - 2f = 0$
4. $-n + 8p - 8n - 7p + 3n = -6n + p$	9. $27g + 18h - 35g + 5h + 9g = g + 23h$
5. $-11t - 2u + 4t + 8u - t = -8t + 6u$	10. $-55i - 80h + 45i + 88h - 5i = -15i + 8h$

## Level III:

1. $12x - 7y + 9 - 13x + 8y = -x + y + 9$	6. $5,5j - 2,4j + 8,1j - 0,7j = 10,5j$
2. $-a - 8b + 15 + 7a - 12 = 6a - 8b + 3$	7. $-4,8k - 5,5k + 2,1k - 1,3k = -9,5k$
3. $11e + 6f - 8 - 15e + 4 = -4e + 6f - 4$	8. $7,7m - 8m + 2,5m - 6,4m = -4,2m$
4. $-r + 3s - 4t - 2r - 4s + 5t = -3r - s + t$	9. $n + 18,6n - 4,5n - 12n = 3,1n$
5. $-29x + 5y - 18 - 31x + 18 - 5y = -60x$	10. $-17p + 7,9p - 0,2p + 22p - 11,7p = p$