# Addieren und Subtrahieren mit Variablen

*Arbeitsblatt*

| | |
|---|---|
| 1 | $4a^3 + (3a^2 + a^3) - 4a^2 =$ |
| 2 | $(5e + 3e^2) + (3e^2 - e) - 2e =$ |
| 3 | $15g^3 - (4g + 5g^3 - 2g) + 7g^3 =$ |
| 4 | $(2k^2 - 3k) - (7k + 5k^2) + (k^2 - k) =$ |
| 5 | $2m^2 + 5m - 4m^3 + (7m^2 + 4m^3 + m) =$ |
| 6 | $7p^2 - (5q^3 - 3q^3 + 2p^2 - q^3) =$ |
| 7 | $5r^2 + 3r + (7r^3 - 5r - r^2) + 2r =$ |
| 8 | $8t - (9t^2 + 5t) - (4t^2 - 2t) =$ |
| 9 | $(2v^5 - 7v^4) - (3v^5 - 4v^4) + v^4 =$ |
| 10 | $x^2 + 12x^3 + (3x^2 - 5x^3) - (x^3 + x^2) =$ |
| 11 | $5a^3 - (4a^3 + a^2) + (2a^2 - 7a^3) =$ |
| 12 | $15m - [(3m^2 - 5m - 2m^2) - 8m] =$ |
| 13 | $5e^2 - [(3e + 2e^2) + (3e^2 - e)] =$ |
| 14 | $(3g^3 - 2g) - (7g^3 - 7g) + g =$ |
| 15 | $[2i - i^2 - (3i - 4i^2)] + i =$ |
| 16 | $3x - [x^3 - (x^3 - x) + 2x] - x^3 =$ |

| Lösungen | | | | $-m^2 + 28m$ | F | $5p^2 - q^3$ | I | $-5i^2$ | H | $-6a^3 + a^2$ | N |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $-2k^2 - 11k$ | H | $-x^3 + x$ | ! | $-13t^2 + 5t$ | T | $´ - 2e$ | A | $18g^3 - 2g$ | T | $7r^3 + 4r^2$ | S |
| $-v^5 - 2v^4$ | E | $6e^2 + 2e$ | A | $9m^2 + 6m$ | E | $5a^3 - a^2$ | M | $6x^3 + 3x^2$ | I | $-4g^3 + 6g$ | C |

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| | | | | |

| 6 | 7 | 8 |
|---|---|---|
| | | |

| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|
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