Berechne den Wert des Terms:

$3 * 4 + 5 = 12 + 5 = 17$

$9 - 2 * 3 = 9 - 6 = 3$

$12 : 3 * 2 = 4 * 2 = 8$

$27 : 9 + 21 - 3 * 4 = 3 + 21 - 12 = 12$

$84 - 24 + 30 : 3 - 60 - 2 * 5 = 60 + 10 - 60 - 10 = 0$

$1 + 2 * 3 - 4 : 2 * 3 + 1 = 1 + 6 - 6 + 1 = 2$

$3 * (4 + 8) - 5 = 3 * 12 - 5 = 36 - 5 = 31$

Fasse zusammen:

$1 + 2x - 4x * 5 - 6 : 3 = 1 + 2x - 20x - 2 = -1 - 18x$

$9 * (2x + 3) + 5 + 2 * 3x = 18x + 27 + 5 + 6x = 24x + 32$

$12a - 6b - 3 + 2 * 3 + 7b * 2 = 12a - 6b - 3 + 6 + 14b = 12a + 8b + 3$

$21y * 2 - 4 * (19 - 5) + 8x : 2 - y = 42y - 4 * 14 + 4x - y = 41y - 56 + 4x$

$3 : 2 + 1,5 - 4 * 7x * (8 - 4) = 1,5 + 1,5 - 28x * 4 = 3 - 112x$

$9x + 8 - 7x * 6 + 5x - 4 * 3x : 2 + 1x = 9x + 8 - 42x + 5x - 6x + 1x = -33x + 8$

$56a + 33f - 12a * 12 - 34 * 2 * f = 56a + 33f - 144a - 64f = -88a - 31f$

Löse die Gleichungen :

| | | | |
|---|---|---|---|
| $3 * 3 + x + 2 * 4,5 = 48 : 2 - 2x$ | | $2 * (4x - 3) = 6x + 2 * (9 - 5) : 2$ | |
| $9 + x + 9 = 24 - 2x$ | | $8x - 6 = 6x + 2 * 4 : 2$ | |
| $18 + x = 24 - 2x$ | $\| + 2x$ | $8x - 6 = 6x + 4$ | $\| + 6$ |
| $18 + 3x = 24$ | $\| - 18$ | $8x = 6x + 10$ | $\| - 6x$ |
| $3x = 6$ | $\| : 3$ | $2x = 10$ | $\| : 2$ |
| $x = 2$ | | $x = 5$ | |

Ergänze die Berechnungen:

| | | | |
|---|---|---|---|
| $27x + 13 = 13x + 27$ | $\| - 13x$ | $............5x - 5 = 3x + 5.........\| - 3x$ | |
| $14x + 13 = 27$ | $\| - 13$ | $............2x - 5 = 5.................\| + 5$ | |
| $14x = 14$ | $\| : 14$ | $..................2x = 10 ............\| : 2$ | |
| $x = 1$ | | $x = 5$ | |