

Gleichungssysteme

Berechne alle Aufgaben, Lösung x gibt dir die Spalte, Lösung y die Zeile eines Lösungsbuchstabens an. Hast du alle Buchstaben, hast du hoffentlich auch das richtige Lösungswort (in umgekehrter Reihenfolge).

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|-----|-----|-----------------------------------|-----|-----|----------------|
| 1) | (1) | $5x + y = 8$ | 2) | (1) | $x - 2y = 7$ |
| | (2) | $y = 3x$ | | (2) | $x = 5y + 4$ |
| 3) | (1) | $2(x + 3) + 4y = 3(x - 2) + 7y$ | 4) | (1) | $4x - 2y = 14$ |
| | (2) | $5x - 2(y + 3) = 4x + 8(y - 2,5)$ | | (2) | $7y = 4x + 1$ |
| 5) | (1) | $3x + 12y = 30$ | 6) | (1) | $8x - 7y = 16$ |
| | (2) | $9x - 39 = 15y$ | | (2) | $5x - 10 = 7y$ |
| 7) | (1) | $2x + 3y - 4 = 3x + 6y - 5$ | 8) | (1) | $5x = 2y + 7$ |
| | (2) | $5x + 2y + 7 = 4x - 5y + 12$ | | (2) | $2x + 2y = 14$ |
| 9) | (1) | $3x + 4y - 5 = 2x + 3y - 1$ | 10) | (1) | $6x - 3y = 27$ |
| | (2) | $6x - 2y + 2 = 4x - 3y + 5$ | | (2) | $6x + 2y = 62$ |
| 11) | (1) | $x + 5y + 2 = 6x + 4y - 12$ | 12) | (1) | $3x + 5y = 17$ |
| | (2) | $6x + 3y - 4 = 2x + 2y + 9$ | | (2) | $3x - 6y = 6$ |

9	T	D	N	Y	I	P	A	O	T	L	A	E	Y	U	G	Q	O	W	T
8	F	C	C	S	L	I	A	F	E	C	C	S	U	L	I	A	F	Z	E
7	J	F	P	N	R	R	T	K	N	J	F	P	N	U	T	T	K	H	I
6	S	A	S	Z	E	A	Q	T	H	S	A	R	H	E	C	Q	K	W	B
5	I	C	G	P	N	D	R	H	N	I	A	T	P	N	D	V	H	Z	S
4	Ü	F	N	L	T	S	F	K	R	Ü	F	N	I	T	I	E	K	F	F
3	A	A	X	E	U	D	N	O	E	A	T	X	E	Y	U	T	O	W	B
2	N	E	Y	G	R	D	I	L	A	K	Q	Y	E	O	D	N	S	G	E
1	R	F	T	R	N	T	M	T	N	E	F	N	C	S	T	P	K	J	K
0	A	M	R	S	E	M	Y	I	S	A	T	T	S	E	M	Y	I	Q	M
	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9

— 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10 — 11 — 12 —

Lösung:

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|-----|----------|-----|---------|
| 1) | (1; 3) | 2) | (9; 1) |
| 3) | (6; 2) | 4) | (5; 3) |
| 5) | (6; 1) | 6) | (2; 0) |
| 7) | (-2; 1) | 8) | (3; 4) |
| 9) | (-1; 5) | 10) | (8; 7) |
| 11) | (3; 1) | 12) | (4 ; 1 |

T — K — N — U — P — T — T — I — N — H — C — S