

## Aufgaben zu Gleichungssystemen – Normal 3

Bestimmen Sie die Unbekannten.

<u>Aufgaben</u>	<u>Lösungen</u>
$\begin{aligned} - 9,6h + 8,3c - 8,9o &= -223,411 \\ - 2,2h + 5,9c + 9,2o &= -11,409 \\ 8,1h + 9,9c - 1,4o &= -13,45 \\ \\ - 1,1c + 8,7d + 5b &= -50,476 \\ - 1,2c + 2,8d - 8,2b &= 85,038 \\ 7,5c + 8,6d - 4,3b &= -38,83 \\ \\ 4,6g - 2,1u - 7,9s &= 27,16 \\ 8,1g + 8u - 8,5s &= 72,603 \\ 9,8g + 8,5u + 8,8s &= 49,618 \\ \\ 9,6w + 5,4u - 10n &= 46,816 \\ 2,2w - 1,6u + 5,5n &= -14,014 \\ - 1,9w + 1,6u + 2,9n &= -37,304 \\ \\ - 9,6d + 6y + 2,7k &= 3,345 \\ 6,3d - 8,1y + 7,8k &= -47,361 \\ - 4d - 6,4y + 3,2k &= 0,64 \\ \\ - 7,7x - 8,5a - 7,9m &= 21,188 \\ - 5,4x + 7,3a + m &= -66,388 \\ - 6,7x - 4,8a - 1,4m &= -14,873 \\ \\ - 1,6w + 3,1h - 4,9u &= 44,758 \\ - 9w - 6,7h - 9,7u &= 68,156 \\ - 9,4w - 7,7h + 3u &= 7,957 \\ \\ - 2,5t - 2,3m + 9,9w &= -69,333 \\ 9,1t + 4,6m - 6,5w &= 13,083 \\ - 4,1t - 4m + 2,9w &= -10,375 \\ \\ - 7,4r - 1,2a + 3,9d &= -15,877 \\ 6,4r - 9,9a + 7,5d &= -175,75 \\ - 4,4r - 2,1a + 6,1d &= -56,358 \\ \\ - 5,7u - 5,4z - 7,7e &= -71,253 \\ - 8,6u - 5,1z - 6,7e &= -72,733 \\ 5,3u + 1,3z + 2e &= 28,256 \end{aligned}$	

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$\begin{aligned} - 9,6h + 8,3c - 8,9o &= -223,411 \\ - 2,2h + 5,9c + 9,2o &= -11,409 \\ 8,1h + 9,9c - 1,4o &= -13,45 \end{aligned}$	$\begin{aligned} h &= 9,85; \\ c &= -8,49; \\ o &= 6,56; \end{aligned}$
$\begin{aligned} - 1,1c + 8,7d + 5b &= -50,476 \\ - 1,2c + 2,8d - 8,2b &= 85,038 \\ 7,5c + 8,6d - 4,3b &= -38,83 \end{aligned}$	$\begin{aligned} c &= -8,99; \\ d &= -1,45; \\ b &= -9,55; \end{aligned}$
$\begin{aligned} 4,6g - 2,1u - 7,9s &= 27,16 \\ 8,1g + 8u - 8,5s &= 72,603 \\ 9,8g + 8,5u + 8,8s &= 49,618 \end{aligned}$	$\begin{aligned} g &= 4,13; \\ u &= 2,96; \\ s &= -1,82; \end{aligned}$
$\begin{aligned} 9,6w + 5,4u - 10n &= 46,816 \\ 2,2w - 1,6u + 5,5n &= -14,014 \\ - 1,9w + 1,6u + 2,9n &= -37,304 \end{aligned}$	$\begin{aligned} w &= 3,1; \\ u &= -8,36; \\ n &= -6,22; \end{aligned}$
$\begin{aligned} - 9,6d + 6y + 2,7k &= 3,345 \\ 6,3d - 8,1y + 7,8k &= -47,361 \\ - 4d - 6,4y + 3,2k &= 0,64 \end{aligned}$	$\begin{aligned} d &= -2,52; \\ y &= -1,13; \\ k &= -5,21; \end{aligned}$
$\begin{aligned} - 7,7x - 8,5a - 7,9m &= 21,188 \\ - 5,4x + 7,3a + m &= -66,388 \\ - 6,7x - 4,8a - 1,4m &= -14,873 \end{aligned}$	$\begin{aligned} x &= 6,01; \\ a &= -4,08; \\ m &= -4,15; \end{aligned}$
$\begin{aligned} - 1,6w + 3,1h - 4,9u &= 44,758 \\ - 9w - 6,7h - 9,7u &= 68,156 \\ - 9,4w - 7,7h + 3u &= 7,957 \end{aligned}$	$\begin{aligned} w &= -5,76; \\ h &= 4,21; \\ u &= -4,59; \end{aligned}$
$\begin{aligned} - 2,5t - 2,3m + 9,9w &= -69,333 \\ 9,1t + 4,6m - 6,5w &= 13,083 \\ - 4,1t - 4m + 2,9w &= -10,375 \end{aligned}$	$\begin{aligned} t &= -5,36; \\ m &= 2,44; \\ w &= -7,79; \end{aligned}$
$\begin{aligned} - 7,4r - 1,2a + 3,9d &= -15,877 \\ 6,4r - 9,9a + 7,5d &= -175,75 \\ - 4,4r - 2,1a + 6,1d &= -56,358 \end{aligned}$	$\begin{aligned} r &= -4,15; \\ a &= 7,85; \\ d &= -9,53; \end{aligned}$
$\begin{aligned} - 5,7u - 5,4z - 7,7e &= -71,253 \\ - 8,6u - 5,1z - 6,7e &= -72,733 \\ 5,3u + 1,3z + 2e &= 28,256 \end{aligned}$	$\begin{aligned} u &= 2,63; \\ z &= 2,89; \\ e &= 5,28; \end{aligned}$