

## Aufgaben zu Gleichungssystemen – Brüche 2

Bestimmen Sie die Unbekannten.

Aufgaben	Lösungen
$- \frac{5}{3} b - t = - \frac{223}{45}$ $- b - \frac{5}{8} t = - \frac{71}{24}$	
$- \frac{2}{5} a + \frac{8}{5} c = \frac{26}{5}$ $2a - \frac{3}{2} c = - 13$	
$- \frac{9}{5} w + \frac{2}{9} s = - \frac{491}{180}$ $- \frac{5}{7} w + \frac{1}{3} s = - \frac{187}{168}$	
$- \frac{2}{7} h - \frac{2}{3} m = \frac{8}{21}$ $- \frac{5}{2} h - \frac{2}{5} m = \frac{29}{25}$	
$- \frac{1}{3} c - \frac{7}{2} z = \frac{233}{72}$ $- \frac{1}{9} c - \frac{7}{8} z = \frac{59}{72}$	
$10g + 2h = 56$ $\frac{1}{7} g - \frac{1}{5} h = \frac{44}{35}$	
$- \frac{7}{9} u + \frac{5}{6} v = - \frac{31}{60}$ $- 5u + \frac{2}{5} v = - \frac{29}{5}$	
$\frac{1}{5} y - \frac{2}{5} x = \frac{19}{30}$ $- 6y - \frac{9}{8} x = \frac{93}{8}$	

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Aufgaben	Lösungen
$-\frac{5}{3}b - t = -\frac{223}{45}$ $-b - \frac{5}{8}t = -\frac{71}{24}$	$b = \frac{10}{3};$ $t = -\frac{3}{5};$
$-\frac{2}{5}a + \frac{8}{5}c = \frac{26}{5}$ $2a - \frac{3}{2}c = -13$	$a = -5;$ $c = 2;$
$-\frac{9}{5}w + \frac{2}{9}s = -\frac{491}{180}$ $-\frac{5}{7}w + \frac{1}{3}s = -\frac{187}{168}$	$w = \frac{3}{2};$ $s = -\frac{1}{8};$
$-\frac{2}{7}h - \frac{2}{3}m = \frac{8}{21}$ $-\frac{5}{2}h - \frac{2}{5}m = \frac{29}{25}$	$h = -\frac{2}{5};$ $m = -\frac{2}{5};$
$-\frac{1}{3}c - \frac{7}{2}z = \frac{233}{72}$ $-\frac{1}{9}c - \frac{7}{8}z = \frac{59}{72}$	$c = -\frac{3}{8};$ $z = -\frac{8}{9};$
$10g + 2h = 56$ $\frac{1}{7}g - \frac{1}{5}h = \frac{44}{35}$	$g = 6;$ $h = -2;$
$-\frac{7}{9}u + \frac{5}{6}v = -\frac{31}{60}$ $-5u + \frac{2}{5}v = -\frac{29}{5}$	$u = \frac{6}{5};$ $v = \frac{1}{2};$
$\frac{1}{5}y - \frac{2}{5}x = \frac{19}{30}$ $-6y - \frac{9}{8}x = \frac{93}{8}$	$y = -\frac{3}{2};$ $x = -\frac{7}{3};$