

Aufgaben zu quadratischen Gleichungen – Versteckt 2

Bestimmen Sie die Unbekannten.

Aufgaben	Lösungen
$\frac{-4r - 4}{-2r + 5} + \frac{-3r + 3}{-8r - 6} = \frac{582}{115}$	
$\frac{2m - 8}{6m - 1} - \frac{-8m + 2}{8m - 6} = \frac{127}{105}$	
$\frac{-2g + 7}{-6g - 4} - \frac{-g - 1}{-5g - 2} = -\frac{41}{306}$	
$\frac{5o + 4}{5o + 5} - \frac{-7o + 4}{o + 4} = \frac{561}{35}$	
$\frac{3o - 7}{-3o + 3} + \frac{6o + 5}{5o - 2} = \frac{19}{18}$	
$\frac{-8r - 5}{r + 2} + \frac{-8r - 7}{4r - 2} = -\frac{587}{51}$	
$\frac{4k + 2}{8k - 1} + \frac{-8k + 7}{-2k - 5} = \frac{1009}{403}$	
$\frac{4o + 4}{6o + 2} - \frac{2o + 2}{-o + 8} = \frac{3}{5}$	
$\frac{5g - 4}{-3g + 5} - \frac{7g + 7}{3g + 8} = -\frac{299}{68}$	
$\frac{-6w - 1}{-8w - 8} - \frac{5w - 7}{-7w + 2} = \frac{743}{368}$	

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$\frac{-4r - 4}{-2r + 5} + \frac{-3r + 3}{-8r - 6} = \frac{582}{115}$	$r_1 = 5 ; r_2 = -\frac{627}{706}$
$\frac{2m - 8}{6m - 1} - \frac{-8m + 2}{8m - 6} = \frac{127}{105}$	$m_1 = 6 ; m_2 = \frac{187}{156}$
$\frac{-2g + 7}{-6g - 4} - \frac{-g - 1}{-5g - 2} = -\frac{41}{306}$	$g_1 = 5 ; g_2 = -\frac{518}{1227}$
$\frac{5o + 4}{5o + 5} - \frac{-7o + 4}{o + 4} = \frac{561}{35}$	$o_1 = -8 ; o_2 = -\frac{284}{281}$
$\frac{3o - 7}{-3o + 3} + \frac{6o + 5}{5o - 2} = \frac{19}{18}$	$o_1 = 4 ; o_2 = \frac{53}{77}$
$\frac{-8r - 5}{r + 2} + \frac{-8r - 7}{4r - 2} = -\frac{587}{51}$	$r_1 = -8 ; r_2 = \frac{29}{28}$
$\frac{4k + 2}{8k - 1} + \frac{-8k + 7}{-2k - 5} = \frac{1009}{403}$	$k_1 = 4 ; k_2 = \frac{1487}{6436}$
$\frac{4o + 4}{6o + 2} - \frac{2o + 2}{-o + 8} = \frac{3}{5}$	$o_1 = -2 ; o_2 = \frac{23}{31}$
$\frac{5g - 4}{-3g + 5} - \frac{7g + 7}{3g + 8} = -\frac{299}{68}$	$g_1 = 3 ; g_2 = -\frac{2468}{243}$
$\frac{-6w - 1}{-8w - 8} - \frac{5w - 7}{-7w + 2} = \frac{743}{368}$	$w_1 = -3 ; w_2 = -\frac{394}{1429}$