Aufgaben zu quadratischen Gleichungen – Versteckt 3

Bestimmen Sie die Unbekannten.

Aufgaben	Lösungen
$\dfrac{4}{5w + 2} - \dfrac{4}{-w - 4} = \dfrac{48}{13}$	
$\dfrac{-2}{u + 3} + \dfrac{4}{2u - 5} = -\dfrac{11}{7}$	
$\dfrac{2}{2a - 4} + \dfrac{-2}{-5a - 3} = \dfrac{10}{9}$	
$\dfrac{3}{-2n + 4} + \dfrac{4}{3n - 2} = -\dfrac{3}{10}$	
$\dfrac{-5}{-2x + 1} - \dfrac{-5}{5x - 3} = \dfrac{155}{198}$	
$\dfrac{-1}{-3q - 2} - \dfrac{-2}{3q - 3} = -\dfrac{22}{117}$	
$\dfrac{-5}{-5s + 5} + \dfrac{-3}{5s - 2} = -\dfrac{1}{12}$	
$\dfrac{3}{-4f + 4} - \dfrac{3}{4f + 1} = -\dfrac{37}{112}$	
$\dfrac{1}{-4p + 4} - \dfrac{-2}{-2p + 3} = \dfrac{61}{312}$	
$\dfrac{1}{5s - 5} - \dfrac{4}{4s + 4} = -\dfrac{3}{20}$	

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Aufgaben	Lösungen
$\dfrac{4}{5w + 2} - \dfrac{4}{-w - 4} = \dfrac{48}{13}$	$w_1 = -3 \; ; \; w_2 = -\dfrac{1}{10}$
$\dfrac{-2}{u + 3} + \dfrac{4}{2u - 5} = -\dfrac{11}{7}$	$u_1 = -1 \; ; \; u_2 = \dfrac{1}{2}$
$\dfrac{2}{2a - 4} + \dfrac{-2}{-5a - 3} = \dfrac{10}{9}$	$a_1 = 3 \; ; \; a_2 = -\dfrac{17}{50}$
$\dfrac{3}{-2n + 4} + \dfrac{4}{3n - 2} = -\dfrac{3}{10}$	$n_1 = -1 \; ; \; n_2 = \dfrac{38}{9}$
$\dfrac{-5}{-2x + 1} - \dfrac{-5}{5x - 3} = \dfrac{155}{198}$	$x_1 = 5 \; ; \; x_2 = \dfrac{177}{310}$
$\dfrac{-1}{-3q - 2} - \dfrac{-2}{3q - 3} = -\dfrac{22}{117}$	$q_1 = -5 \; ; \; q_2 = \dfrac{1}{66}$
$\dfrac{-5}{-5s + 5} + \dfrac{-3}{5s - 2} = -\dfrac{1}{12}$	$s_1 = -2 \; ; \; s_2 = -\dfrac{7}{5}$
$\dfrac{3}{-4f + 4} - \dfrac{3}{4f + 1} = -\dfrac{37}{112}$	$f_1 = 5 \; ; \; f_2 = \dfrac{43}{148}$
$\dfrac{1}{-4p + 4} - \dfrac{-2}{-2p + 3} = \dfrac{61}{312}$	$p_1 = -5 \; ; \; p_2 = \dfrac{135}{122}$
$\dfrac{1}{5s - 5} - \dfrac{4}{4s + 4} = -\dfrac{3}{20}$	$s_1 = 3 \; ; \; s_2 = \dfrac{7}{3}$