Aufgaben zu quadratischen Gleichungen – Versetzt 3

Bestimmen Sie die Unbekannten.

Aufgaben:	Lösungen:
$47,88s = -3,6s^2 - 158,472$	
$11,2y = 1,4y^2 + 22,4$	
$-43,68z + 85,176 = -5,6z^2$	
$-5,1b = -1,7b^2 + 27,608$	
$7,8j = 3,9j^2 - 155,844$	
$5,5d^2 - 6,6d = 124,74$	
$-24,36d = 5,8d^2 + 131,254$	
$-169,148 = 5,2f^2 - 59,28f$	
$2,7y^2 + 67,5 = 27y$	
$-24,32z - 77,824 = 1,9z^2$	
$-12,32 = -7,7w^2 + 4,62w$	
$-8q^2 = -8,8q + 62,56$	
$-6,1h^2 = 84,18h + 290,421$	
$1,3i^2 + 1,17i = -5,2$	
$25,76d + 72,128 = -2,3d^2$	
$-7,2z^2 + 72z = 169,632$	
$8,58r = -2,6r^2 + 18,72$	
$90,288 = 3,6u^2 - 10,08u$	
$2,3a^2 - 19,78a = -39,215$	
$6,4r^2 + 113,32 = 53,76r$	
$-4,5k^2 = 27k + 40,5$	
$-4,6p^2 - 34,96p = 60,858$	
$4,32t - 10,56 = -4,8t^2$	
$-17,16w + 9,438 = -7,8w^2$	
$-1,14p = -5,7p^2 + 82,251$	

Aufgaben zu quadratischen Gleichungen – Versetzt 3

Aufgaben	**Lösungen**
$47,88s = -3,6s^2 - 158,472$	L: $s_1 = -6,2$; $s_2 = -7,1$;
$11,2y = 1,4y^2 + 22,4$	L: $y_1 = 4$; $y_2 = 4$;
$- 43,68z + 85,176 = -5,6z^2$	L: $z_1 = 3,9$; $z_2 = 3,9$;
$- 5,1b = -1,7b^2 + 27,608$	L: $b_1 = 5,8$; $b_2 = -2,8$;
$7,8j = 3,9j^2 - 155,844$	L: $j_1 = -5,4$; $j_2 = 7,4$;
$5,5d^2 - 6,6d = 124,74$	L: $d_1 = 5,4$; $d_2 = -4,2$;
$- 24,36d = 5,8d^2 + 131,254$	L: Keine Lösungen
$- 169,148 = 5,2f^2 - 59,28f$	L: Keine Lösungen
$2,7y^2 + 67,5 = 27y$	L: $y_1 = 5$; $y_2 = 5$;
$- 24,32z - 77,824 = 1,9z^2$	L: $z_1 = -6,4$; $z_2 = -6,4$;
$- 12,32 = -7,7w^2 + 4,62w$	L: $w_1 = 1,6$; $w_2 = -1$;
$-8q^2 = - 8,8q + 62,56$	L: Keine Lösungen
$-6,1h^2 = 84,18h + 290,421$	L: $h_1 = -6,9$; $h_2 = -6,9$;
$1,3i^2 + 1,17i = - 5,2$	L: Keine Lösungen
$25,76d + 72,128 = -2,3d^2$	L: $d_1 = -5,6$; $d_2 = -5,6$;
$-7,2z^2 + 72z = 169,632$	L: $z_1 = 3,8$; $z_2 = 6,2$;
$8,58r = -2,6r^2 + 18,72$	L: $r_1 = 1,5$; $r_2 = -4,8$;
$90,288 = 3,6u^2 - 10,08u$	L: $u_1 = -3,8$; $u_2 = 6,6$;
$2,3a^2 - 19,78a = - 39,215$	L: $a_1 = 3,1$; $a_2 = 5,5$;
$6,4r^2 + 113,32 = 53,76r$	L: Keine Lösungen
$-4,5k^2 = 27k + 40,5$	L: $k_1 = -3$; $k_2 = -3$;
$-4,6p^2 - 34,96p = 60,858$	L: $p_1 = -4,9$; $p_2 = -2,7$;
$4,32t - 10,56 = -4,8t^2$	L: $t_1 = -2$; $t_2 = 1,1$;
$- 17,16w + 9,438 = -7,8w^2$	L: $w_1 = 1,1$; $w_2 = 1,1$;
$- 1,14p = -5,7p^2 + 82,251$	L: $p_1 = 3,9$; $p_2 = -3,7$;