

ROW by ROW-EQUATIONS

Person H _____ Person V _____

You and your partner will work as a team. One of you will solve the equations in the H Column and the other will solve the equations in the V Column. As you solve each equation, check your answers because you both should have the same solution for each numbered equation.

Person H's Examples	Example Number	Person V's Examples
$3x - 1 = 8$	1	$\frac{9}{2}(x+3) = 27$
$\frac{3}{4}x - 5 = \frac{1}{4}x - 1$	2	$3(x-2) = 18$
$5(x+3) + 9 = 3(x-2) + 6$	3	$7 + \frac{2}{3}x = -1$
$14x - 8 = 34$	4	$1.4x + 1.1 = 8.3 - x$
$4x - 9 = 7x + 12$	5	$\frac{4x+8}{-2} = 10$
$8x + 13 = 13 + 8x$	6	$2(x-8) + 7 = 5(x+2) - 3x - 19$
$\frac{x-3}{2} = -15$	7	$-12 = 6 + \frac{2}{3}x$
$2x - 4 = x + 4$	8	$19 = 3x - 5$
$4x - 6 = 3x$	9	$4 = 3x - 14$
$6 - 5x = -29$	10	$\frac{1}{3}x = 7 - \frac{2}{3}x$
$2x = x + 9$	11	$8 - 5x = -37$
$0.4x - 3 = -1$	12	$2x + 5 = 3x$
$7x + 2 = -54$	13	$-45 = 3 + 6x$
$5x + 7x = 72$	14	$4x + 3x = 42$
$5 + 4x - 7 = 4x - 2 - x$	15	$4x - 4 + x + 24 = 6x + 20 - 4x$
$5x - 2 = 28 - x$	16	$2x - 1 = 4 + x$

Person H's Examples	Example Number	Person V's Examples
$4 - 3x = 6 - 7x$	17	$\frac{7}{8}x - \frac{1}{4} + \frac{3}{4}x = \frac{1}{16} + x$
$-23 + x = x + 25$	18	$17 - x = -x + 68$
$3(2x - 3) = 27$	19	$2(3 + 4x) - 9 = 45$
$5x - (2x + 8) = 16$	20	$6x - (3x + 8) = 16$
$\frac{x+1}{2} = 9$	21	$5(x+4) = 7(x-2)$
$10.2x - 7.3x = -58$	22	$6.8x - 2.4x = -88$
$8x + 4 = 68$	23	$19 = 3x - 5$
$2x + 3x = 5$	24	$7x + 6 = 13$
$5x + 6 = 31$	25	$8x + 3x = 55$