

Solving Linear Equations SUDOKU

Name: _____

	A	B	C	D	E	F	G	H	I
J									
K									
L									
M									
N									
O									
P									
Q									
R									

Solve each equation and determine which letter is the appropriate letter. Once you have completed the 20 problems, fill the remaining letters in the Sudoku.

- AJ: $-2r + 3s = 14$
 AM: $-2a + 13 = -3a + 5$
 AO: $4x + 2x = 18$
 AQ: $2m + 4.5m = 15$
 AR: $2(8 + p) = 22$
 BL: $-4(x + 6) = -40$
 BO: $7m - 3m - 4 = 6$
 CL: $\frac{2}{3} + \frac{5x}{4} = \frac{71}{12}$
 CP: $8y - (2y - 3) = 9$
 DF: $4a + 7 = 5 - 2a$
 DI: $5y + 3 = -2y + 12$

- DH: $\frac{2}{3} = \frac{22}{x}$
 DR: $6(y + 3) = 24$
 EM: $-2q - 5 = -41$
 EO: $5a + 2 = 2a + 5$
 FI: $3a - 7 = 20$
 FM: $\frac{2}{3} - 4 = -3$
 FO: $3a - 2 = 16$
 FR: $9 = -4y + 6y - 5$
 GL: $-6a + 2a = -26$
 GP: $6 - 3(2a - 4) = -18$
 HM: $-0.04x + 1.20 = 1.08$
 HR: $4x - 3 = x + 9$
 IL: $4\left(\frac{2}{3} + x\right) = 5$
 IK: $6a = 24$
 IM: $3a + 4 = a + 18$
 IO: $0.5a - 3a + 5 = 0$
 IR: $-6a + 3 = -34$