

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 on a separate piece of paper. Place answers in the appropriate box. Check your work by completing the 20 positions. Fill in the remaining boxes in the Sudoku.

AJ: $-9 = 6x - 14$
 AM: $-2x - 13 = -3x - 5$
 AO: $4x - 2x = 18$
 AQ: $3m + 4.2m = 15$
 AR: $2(p + q) = 22$
 BL: $-4(x + 6) = -40$
 BO: $7m - 3m - 4 = 6$
 CL: $\frac{2}{3} + \frac{5x}{4} = \frac{71}{12}$
 CP: $8y - 6y - 3 = 9$
 DP: $4x - 7 = 5 - 2x$
 DI: $5y - 3 = 2y + 12$

DK: $\frac{2}{3} = \frac{22}{9}$
 DR: $6(y - 3) = 24$
 EM: $-2q - 5 = -11$
 EO: $5x + 2 = 2x + 5$
 FL: $3x - 7 = 20$
 FM: $\frac{2}{3} - 4 = -3$
 FO: $3x - 2 = 16$
 FR: $9 = -4y + 6y - 5$
 GL: $-6x + 2x = -36$
 GP: $6 - 3(2x - 4) = -28$
 HM: $-0.04x + 1.20 = 1.08$
 HR: $4x - 3 = x + 9$
 IR: $4\left(\frac{2}{3} + x\right) = 5$
 IK: $6x = 24$
 IM: $3x + 4 = x + 18$
 IO: $0.5x - 3x + 5 = 0$
 IR: $-6x + 3 = -34$