

# 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. Once you have completed the 20 problems, fill the remaining boxes in the Sudoku.

- AJ:  $-9 = x - 14$   
 AM:  $-2x - 13 = -3x - 5$   
 AO:  $4x - 2x = 18$   
 AQ:  $3m + 4.5m = 15$   
 AR:  $2(8 + p) = 22$   
 BJ:  $-4(x + 6) = -40$   
 BO:  $7m - 3m - 6 = 6$   
 CL:  $\frac{2}{3} + \frac{3k}{4} = \frac{71}{12}$   
 CP:  $8y - (2y - 3) = 9$   
 DJ:  $4n - 7 = 5 - 2n$   
 DK:  $5y - 3 = 2y + 12$

- DN:  $\frac{4}{6} = \frac{m}{9}$   
 DR:  $6(y + 3) = 24$   
 EM:  $-2q - 5 = -11$   
 EO:  $5w + 2 = 2w + 5$   
 FJ:  $3x - 7 = 20$   
 FN:  $\frac{c}{5} - 4 = -3$   
 FQ:  $3x - 2 = 16$   
 FR:  $9 = -4y + 6y - 5$   
 GL:  $-6a + 2a = -36$   
 GP:  $6 - 3(2k - 4) = -18$   
 HM:  $-0.04x + 1.32 = 1.08$   
 HR:  $4x - 3 = x + 9$   
 IJ:  $4\left(\frac{1}{4} + x\right) = 5$   
 IK:  $6x = 24$   
 IM:  $3a + 4 = a + 18$   
 IO:  $0.5t - 3t + 5 = 0$   
 IR:  $-(z + 5) = -14$