

Solving Equations with Two or More Variables

NAME: _____

PRACTICE QUESTIONS

a) $7m - 8 = 5m + 2$

b) $2 - k + 14 = 6k + 2$

c) $7p + 4 = 16 + 9p$

d) $6a - 12 = 6 - 3a$

e) $7x - 9x - 6 = 21 - 5$

f) $7g + 53 = 14 - 6g$

g) $22 - x + 5x - 3 = 5 - 3x$

h) $y + 5 - 6y = 17 - 2y$

Why Do Girls Like Guys Who Wear Shirts With Eight Buttons?

Solve each equation below and find your solution at the bottom of the page. Write the letter of that equation above the solution.

- (E) $4(5n - 7) = 10n + 2$
- (N) $9(x + 3) = 4x - 3$
- (A) $2(12 - 8x) = x - 11x$
- (H) $3t + 8(2t - 6) = 2 + 14t$
- (E) $2v + 18 = 16 - 4(v + 7)$
- (I) $4x - (9 - 3x) = 8x - 1$
- (T) $12(3 + y) = 5(2y + 8)$
- (A) $-7(1 - 4m) = 13(2m - 3)$
- (Y) $9(11 - k) = 3(3k - 9)$
- (S) $4x + 5(7x - 3) = 9(x - 5)$
- (T) $2(6d + 3) = 18 - 3(16 - 3d)$
- (F) $8(4u - 1) - 12u = 11(2u - 6)$
- (C) $-5 - (15y - 1) = 2(7y - 16) - y$



2	10	3	7	9	29	4	-1	1	-8	-6	-16	-12	-5	