

Solve each **Linear System** by the **Substitution Method**

1) $-2y + 2x = 16$ $y = -x + 8$	2) $y = -4x + 46$ $3y - 3x = -12$	3) $5x = -5y - 5$ $x = -3y - 1$
4) $y = -5x + 43$ $-4x = -20 - y$	5) $5y + 2x = 29$ $y = -5x - 8$	6) $y = 2x - 7$ $y - x = 1$
7) $x = -y + 9$ $5x - 2y = 31$	8) $x = 3y - 26$ $2x - 2y = -16$	9) $y = 4x - 15$ $-4x = -42 + 2y$
10) $x = 5y + 26$ $x = -3y - 22.$	11) $x = -y + 17$ $x = 3y - 19$	12) $3y - 2x = -3$ $y = -3x + 32$
13) $y = -x + 8$ $2y + 3x = 25$	14) $y + 2x = 9$ $y = -x$	15) $y = 5x + 52$ $y + x = -2$ Copyright 2000 - 2014 © Way Cool Algebra

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