

Solving Equations Square Puzzle

$3x + 4 = 1$ $3x = -4$ $x = -\frac{4}{3}$	$3 + 4y = 11$ $4y = 8$ $y = 2$	$4x - 1 = 3$ $4x = 4$ $x = 1$	$7 - 2x = 15$ $-2x = 8$ $x = -4$
$2 - 6x = 8$ $-6x = 6$ $x = -1$	$11 = 3y - 5$ $16 = 3y$ $y = \frac{16}{3}$	$7x - 3 = 2$ $7x = 5$ $x = \frac{5}{7}$	$5 - 12y = 2$ $-12y = -3$ $y = \frac{1}{4}$
$1 = 2 + 3z$ $-1 = 3z$ $z = -\frac{1}{3}$	$x = 2 + 2z$ $x = 2 + 2(-\frac{1}{3})$ $x = 2 - \frac{2}{3} = \frac{4}{3}$	$4x = 8 + 6$ $4x = 14$ $x = \frac{7}{2}$	$2z = 1 + 5y$ $2z = 1 + 5(\frac{1}{4})$ $2z = \frac{9}{4}$ $z = \frac{9}{8}$
$5 - 3y = 11$ $-3y = 6$ $y = -2$	$x^2 = x + 21$ $x^2 - x - 21 = 0$ $(x - 5)(x + 4) = 0$ $x = 5 \text{ or } x = -4$	$x^2 = 9$ $x = 3 \text{ or } x = -3$	$x^2 = x^2 + 8$ $0 = 8$

• Cut out the squares above. Fit the squares together so that touching edges match or duplicate to an equation.