

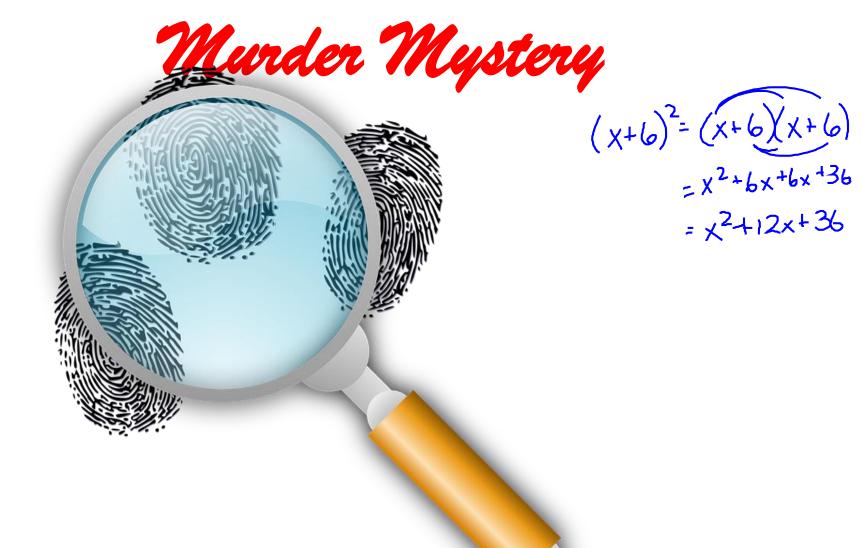
Solving Systems by Substitut Step $x^{2} + 2x + 4 = x^{+}$ $= x^2 + 2x + 4$ = x + 1 $X = -(-1) \pm \sqrt{(-1)^2 - 4 + 3}$ **Q**= will not factor (Zero a side ()= ろ real solutions



$y = x^{2} - 2x - 6 \quad (\Im, 4\Im) \qquad y = 5x - 20 \\ y = 4x + 10 \quad (-\Im, \Im) \qquad y = x^{2} - 5x + 5 \quad (5, 5)$

Objectives

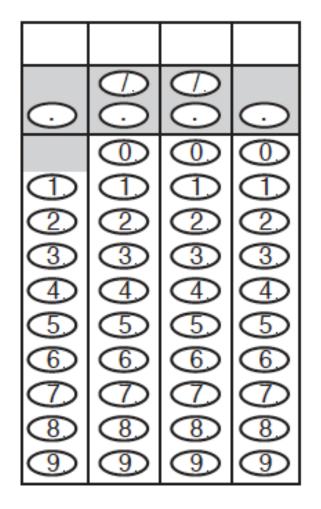




Exit Slip

$$3x + 4y = 12$$
$$4x + 3y = -5$$

What is the value of x + y, in the system of equations shown above?



Objectives