

Solution.

① Resuelve lo siguiente sistemas de ecuación por medio de igualación.

a.
$$\begin{cases} x + y = 3 \\ x - y = 1 \end{cases}$$

b.
$$\begin{cases} 2x + 3 = 7 \\ 3x - 2 = 4 \end{cases}$$

c.
$$\begin{cases} 3x + 2y = 3 \\ -x + 5y = 16 \end{cases}$$

$$x = 3 - y$$

$$x = 1 + y$$

$$3 - y = 1 + y$$

$$-y - y = 1 - 3$$

$$-2y = -2$$

$$y = \frac{-2}{-2} = 1$$

$$y = 1$$

$$x = 3 - y$$

$$x = 3 - 1$$

$$x = 2$$

$$3x + 2y = 3$$

$$3x = 3 - 2y$$

$$x = \frac{3 - 2y}{3}$$

$$-x + 5y = 16$$

$$-x = 16 - 5y$$

$$x = 16 - 5y$$

$$\frac{3 - 2y}{3} = 16 - 5y$$

$$3 - 2y = 3(16 - 5y)$$

$$3 - 2y = 48 - 15y$$

$$-2y + 15y = 48 - 3$$

$$13y = 45$$

$$y = 3.4$$

$$3x + 2 \cdot 3.4 = 3$$

$$3x + 6.8 = 3$$

$$3x = 3 - 6.8$$

$$x = \frac{-3.8}{3}$$

$$x = -1.2$$