$$3x + y = 3 \rightarrow \text{rewrite (isolate y")}$$
c)
$$7x - 2y = 20$$

①
$$3x+y=3$$

 $-3x$ $-3x$ $y=-3x+3$

$$7x+6x-6=20$$

$$\frac{13x}{13} = \frac{2b}{13} \qquad (x = 2)$$

$$y = -3(2) + 3$$

= -6 + 3
 $(y = 3)$

$$\bigcirc \frac{x}{2} + y = \frac{5}{2}$$

Eliminate fractions
$$(2^{x} - 3^{y})$$
 First. Multiply each equation by a LCD.

$$0^{2}\left(\frac{x}{2}+y=\frac{5}{2}\right)\rightarrow x+2y=5$$

$$(2)^3 \left(\frac{1}{3}x - \frac{1}{3}y = -\frac{1}{3}\right) \rightarrow x - y = -1$$

$$x+2y=5$$

-2y -2y $x=-2y+5$

$$-3y = -6$$
Practice: p.425 #4, 5, 13 = -3

Mrs. Donnelly

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$$x = -2(2) + 5 (x=1)$$

$$\mathbf{O}_{6x-y-1=0} \rightarrow \mathbf{rewrite}$$
 (isolate "y")

$$d) = 3y - 4$$

$$4x = 18x - 3 - 4$$

$$\frac{-14x}{-14} = \frac{-7}{-14}$$
 $x = \frac{1}{2}$

$$y = 6\left(\frac{1}{2}\right) - 1$$

$$= 3-1 \qquad \boxed{y=2}$$

$$6\left(\frac{1}{2}x + \frac{2}{3}y = -1\right) \rightarrow 3x + 4y = -6$$

No variable has a coeff.

(both are
$$3x$$
).

$$3x + 4y = -6$$

$$\frac{16y}{16} = \frac{-26}{16} = \frac{13}{8}$$

$$3x = -4\left(\frac{-13}{8}\right) - 6$$

$$3x = \frac{52}{8} - \frac{6^{8}}{18}$$

$$3x = \frac{52}{8} - \frac{48}{8}$$

$$3x = \frac{4}{8}$$

$$\frac{3x}{3} = \frac{\frac{1}{2}}{3}$$

$$X = \frac{1}{2} * \frac{1}{3}$$