

$$c) \begin{cases} x - 2y = 5 \\ 2x - 4y = 0 \end{cases}$$

$$x - 2y = 5$$

$$2x - 4y = 0$$

$$-2y = 5 - x$$

$$-4y = -2x$$

$$y = \frac{5 - x}{-2}$$

$$y = \frac{-2x}{-4}$$

$$\frac{5 - x}{2} = \frac{\cancel{2}x}{\cancel{4}_2}$$

$$y = \frac{5 - \frac{5}{2}}{\frac{1}{2}}$$

$$x - 2y = 5$$

$$\frac{5}{2} - 2 \cdot \frac{5}{2} = 5$$

$$\frac{5 - x}{2} \cdot \cancel{2} = \frac{x}{2} \cdot \cancel{2}$$

$$y = \frac{10 - 5}{2} : -2$$

$$\frac{5}{2} + \frac{10}{2} = 5$$

$$5 - x = x$$

$$5 = 2x$$

$$y = \frac{\overset{5}{\cancel{10}}}{\cancel{2}_1} \cdot \frac{1}{-2}$$

$$\frac{15}{2} = 5$$

$$\frac{5}{2} = x$$

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