

$$y = x - 2$$

$$\begin{array}{r} 4x + 3 = x - 2 \\ -x + 2 \quad -x + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3x + 5 = 0 \\ -5 \quad -5 \\ \hline \end{array}$$

$$\frac{3x}{3} = \frac{-5}{3}$$

$$x = -\frac{5}{3}$$

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

$$y = -\frac{11}{3}$$

$$3. \quad 3x - 5y = 17$$

$$y = -7$$

$$3x - 5(-7) = 17$$

$$\begin{array}{r} 3x + 35 = 17 \\ -35 \quad -35 \\ \hline \end{array}$$

$$\frac{3x}{3} = \frac{-18}{3}$$

$$x = -18$$

$$(-18, -7)$$

$$5. \quad y = \frac{1}{2}x - 1$$

$$y = \frac{1}{4}x - 4$$

$$\begin{array}{r} \frac{1}{2}x - 1 = \frac{1}{4}x - 4 \\ -\frac{1}{4}x + 4 \quad -\frac{1}{4}x + 4 \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{4}x + 3 = 0 \\ -3 \quad -3 \\ \hline \end{array}$$

$$\frac{1}{4}(\frac{1}{4}x) = (-3)4 \quad x = -12$$

$$y = \frac{1}{2}(-12) - 1$$

$$y = -7$$

$$\begin{array}{r} + 6x + 4y = -10 \\ 9y = -9 \\ \hline \end{array}$$

$$y = -1$$

$$6x + 4(-1) = -10$$

$$\begin{array}{r} 6x - 4 = -10 \\ +4 \quad +4 \\ \hline \end{array}$$

$$\frac{6x}{6} = \frac{-6}{6}$$

$$x = -1$$

$$(-1, -1)$$

$$4. \quad (x + 4y = -5)5$$

$$5x - 8y = 20$$

$$-5x + 20y = -25$$

$$+ \quad 5x - 8y = 20$$

$$\frac{12y}{12} = \frac{-5}{12}$$

$$y = -\frac{5}{12}$$

$$-x + 4(-\frac{5}{12}) = -5$$

$$\begin{array}{r} -x - \frac{5}{3} = -5 \\ + \frac{5}{3} \quad + \frac{5}{3} \\ \hline \end{array}$$

$$-1(-x) = (-\frac{10}{3}) - 1$$

$$x = \frac{10}{3}$$

$$(\frac{10}{3}, -\frac{5}{12})$$