

$$\begin{cases} 2x - 3y = 6 \\ 2x + y = -2 \end{cases} \rightarrow x = \frac{6 + 3y}{2}$$

$$x = \frac{6 + 3(-2)}{2}$$

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

$$x = \frac{6 - 6}{2} = \frac{0}{2} = 0$$

$$\frac{12 + 6y}{2} + y = -2$$

$$12 + 6y + 2y = -4$$

$$6y + 2y = -4 - 12$$

$$8y = -16$$

$$y = \frac{-16}{8} = -2$$

$$\begin{aligned} x &= 0 \\ y &= -2 \end{aligned}$$