

#20  $-2(2x - y = 3)$   
 $4x + 3y = 21$

---

$$\begin{array}{r} -4x + 2y = -6 \\ 4x + 3y = 21 \\ \hline 5y = 15 \\ \hline y = 3 \end{array}$$

$4x + 3y = 21$

$4x + 3 \cdot 3 = 21$

$4x + 9 = 21$

$\begin{array}{r} 4x + 9 = 21 \\ -9 \quad -9 \\ \hline 4x = 12 \\ x = 3 \end{array}$

Explain - multiply first equation by  $-2$  to eliminate the  $x$  term - then solve for  $y$