

$\begin{aligned}x - 2y &= 4 \\x + y &= 4\end{aligned}$	$(4, 0)$
$\begin{aligned}3x + y &= 6 \\2x + 3y &= -3\end{aligned}$	$(3, -3)$
$\begin{aligned}3x + y &= 4 \\-6x - 2y &= -12\end{aligned}$	<b>No Solutions</b>
$\begin{aligned}-3x + 4y &= 1 \\x &= 2y + 1\end{aligned}$	$(-3, -2)$
$\begin{aligned}-2x - 4y &= 8 \\3x + 6y &= -12\end{aligned}$	$\infty \text{ Solutions}$
$\begin{aligned}11x + 6y &= 1 \\3x + 2y &= -3\end{aligned}$	$(5, -9)$
$\begin{aligned}4x - 6y &= 4 \\6x + 3y &= 2\end{aligned}$	$\left(\frac{1}{2}, \frac{-1}{3}\right)$
$\begin{aligned}\frac{1}{2}x + 3y &= 9 \\ \frac{1}{3}x + y &= 4\end{aligned}$	$(6, 2)$

$x - 2y = 4$ $x + y = 4$	$x - 2y = 4$ $x + y = 4$
$3x + y = 6$ $2x + 3y = -3$	$3x + y = 6$ $2x + 3y = -3$
$3x + y = 4$ $-6x - 2y = -12$	$3x + y = 4$ $-6x - 2y = -12$
$-3x + 4y = 1$ $x = 2y + 1$	$-3x + 4y = 1$ $x = 2y + 1$
$-2x - 4y = 8$ $3x + 6y = -12$	$-2x - 4y = 8$ $3x + 6y = -12$
$11x + 6y = 1$ $3x + 2y = -3$	$11x + 6y = 1$ $3x + 2y = -3$
$4x - 6y = 4$ $6x + 3y = 2$	$4x - 6y = 4$ $6x + 3y = 2$
$\frac{1}{2}x + 3y = 9$ $\frac{1}{3}x + y = 4$	$\frac{1}{2}x + 3y = 9$ $\frac{1}{3}x + y = 4$