

Name _____

Date _____

Year Group _____

Fill out the steps to solve the system

1.
$$\begin{cases} 8x + y = -16 \\ -3x + y = -5 \end{cases}$$

Steps =>
$$\begin{array}{r} 8x + y = -16 \\ - \quad -3x + y = -5 \\ \hline \quad \quad x + \quad y = \quad \end{array}$$

Steps => $\quad x = \quad$

Steps => $x = \quad$

Substitute to solve for y

Steps => $8 * (\quad) + y = -16$

Steps => $\quad + y = -16$

Steps => $y = \quad$

Answer => $(\quad, \quad)$

Solve the system

2.
$$\begin{cases} -5x + y = 19 \\ 3x + y = 3 \end{cases}$$

Answer => $(\quad, \quad)$

3.
$$\begin{cases} 3x + 5y = 31 \\ 5x - 5y = 25 \end{cases}$$

Answer => $(\quad, \quad)$

4.
$$\begin{cases} -2x - y = 9 \\ 2x + 3y = -11 \end{cases}$$

Answer => $(\quad, \quad)$