

Name: \_\_\_\_\_

1. Solve for the unknowns. Format your answers such that they are presentable.

(a) 
$$\begin{cases} 3x + y = 25 \\ x - y = -1 \end{cases}$$

Answer: \_\_\_\_\_

(b) 
$$\begin{cases} 2x + 2y = 66 \\ 2y - 2x = 18 \end{cases}$$

Answer: \_\_\_\_\_

(c) 
$$\begin{cases} 4x + y = 41 \\ 2x + y = 23 \end{cases}$$

Answer: \_\_\_\_\_

(d) 
$$\begin{cases} 7x - 2y = 33 \\ x + 2y = 23 \end{cases}$$

Answer: \_\_\_\_\_

(e) 
$$\begin{cases} 2x + y = 22 \\ 3x - y = 28 \end{cases}$$

Answer: \_\_\_\_\_

2. Solve for the unknowns. Format your answers such that they are presentable. You may keep the final answers as fractions, but make sure they are simplified.

$$(a) \begin{cases} 4x + 2y = 20 \\ x - 2y = 1 \end{cases}$$

Answer: \_\_\_\_\_

$$(b) \begin{cases} 5x - 4y = 14 \\ 6x - 4y = 20 \end{cases}$$

Answer: \_\_\_\_\_

$$(c) \begin{cases} 2x + y = 34 \\ 2x - 2y = 24 \end{cases}$$

Answer: \_\_\_\_\_