

Topic 16: Solve systems of linear equations

Solve. Write the answer as an ordered pair.

1.
$$\begin{cases} 8x + 6y = 3580 \\ x + y = 525 \end{cases}$$

2.
$$\begin{cases} 2x - 4y = -10 \\ x - 8y = -17 \end{cases}$$

3.
$$\begin{cases} 2x - 3y = -1 \\ 10x + y = 11 \end{cases}$$

Answers

1. $(215, 310)$

2. $(-1, 2)$

3. $(1, 1)$