Write a system of equations to represent the problem situation. Solve the system of equations using the linear combinations method.

1. The high school marching band is selling fruit baskets as a fundraiser. They sell a large basket containing 10 apples and 15 oranges for $20. They sell a small basket containing 5 apples and 6 oranges for $8.50. How much is the marching band charging for each apple and each orange?

Solve each system of linear equations.

2.
$$\begin{cases} 4x - y = 2 \\ 2x + 2y = 26 \end{cases}$$

3.
$$\begin{cases} y = \dfrac{1}{2}x - 3 \\ y = -3x + 5 \end{cases}$$