System of Equations worksheet

Solve by Elimination.

1.
$$\begin{cases} 4x + 5y = 8 \\ -2x + y = 5 \end{cases}$$

2.
$$\begin{cases} 3x - 2z = 12 \\ -2x + 3z = -10 \end{cases}$$

Solve by Substitution

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

$$4. \begin{cases} 8x = 2y \\ 2x + y = 5 \end{cases}$$

Use any Method

5.
$$\begin{cases} 13x + 7y = 19 \\ 9x - 2y = 20 \end{cases}$$

6.
$$\begin{cases} 4x + y = 9 \\ 2y = -8x + 18 \end{cases}$$