Solving Systems of Equations in Two Variables

In problems 1-3, solve each system of equations using substitution

1. $y = \frac{1}{4}x - 3$ $2y - x = 10$	2. $x = \frac{1}{3}y$ $8x - y = 10$
3. $3x - 7y = 5$ $x - y = 0$	

In problems 4-6, solve each system of equations using elimination (addition)

4. $x + y = 3$ $4x - y = 12$	5. $5x + y = 1$ $x - 2y = 9$
6. $\frac{1}{3}x + \frac{1}{4}y = -1$ $x - 4y = 54$	