1. Solve:

$$2x - 3y = 3$$
$$x + y = 14$$

$$5x - y = 17$$
$$3x + 2y = 5$$

3. Solve:
$$x = -4y - 8$$

$$3x + 2y = 6$$

4. Solve:
$$x^2 - 8x + 15 = 0$$
 5. Solve: $x^2 = x + 12$

5. Solve:
$$x^2 = x + 12$$

6. Solve:
$$x^2 = 120 - 2x$$