

Lesson 17: Solving Systems by the Substitution Method

1) Solving Systems by the Substitution Method.

$$y = 6 - x$$

$$x - y = 4$$

2) Solving Systems by the Substitution Method.

$$y = 6 - 3x$$

$$2x - 5y = 4$$

3) Solving Systems by the Substitution Method.

$$x - y = 8$$

$$x + y = 4$$

4) Solving Systems by the Substitution Method.

$$2x - y = 8$$

$$6x + y = 0$$

5) Solve the system by graphing. Meaning, find the point of intersection.

$$y = 5 - x$$

$$x + y = 2$$

6) Solving Systems by the Substitution Method.

$$y = 10 - 5x$$

$$4x - y = 8$$

7) Solving Systems by the Substitution Method.

$$8x - 2y = 16$$

$$y = 4x - 8$$

8) Solving Systems by the Substitution Method.

$$3x + 3y = 12$$

$$y = 4 - x$$