SEW Math 090 Worksheet 3.2: Systems of Linear Equations Summer 2016

Solve the systems of equations by substitution or addition. Give the unique solution, or indicate whether the system is inconsistant, or is dependent.

$$1. \ 2x - 4y = 8$$
$$y = 2x + 1$$

2. 8x + 6y = -8x = 6y - 10

 $3. \quad 2x + 5y = 9$ 4x - 7y = -16

$$4. \ 4x - 6y = 5$$
$$2x - 3y = 7$$

5. 3x + 6y = 72x + 4y = 5

6.
$$5x - 3y = 18$$

 $-3x + 5y = 18$