Name:

1)
$$4x + y = 14$$

 $2x + 4y = 14$; (3, 2)

Decide whether the ordered pair is a solution of the given system.

1)
$$4x + y = 14$$

$$2x + 4y = 14; (3, 2)$$

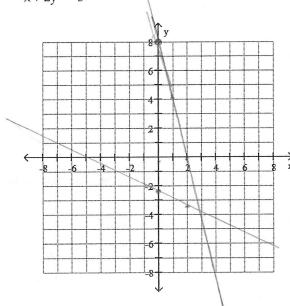
$$4(3) + 2 = 14$$

$$2(3) + 4(2) = 14$$

$$4(3) + 2 = 14$$

$$2(3) + 4(2) = 14$$

Solve the system by graphing.



$$2y = -x - 5$$

 $y = -\frac{1}{2}x - \frac{5}{2}$

Solve the system by substitution. If the system is inconsistent or has dependent equations, say so.

3)
$$x + y = 12$$

$$y = 4x - 3$$

$$X + (4x-3) = 12$$
 $5x=15$ $y = 4(3)-3$
 $X + 4x-3=12$ $x=3$ $y = 12-3$

Solve the system by substitution. If the system is inconsistent or has dependent equations, say so.

4)
$$x + y = 4$$

$$6x + 6y = 24$$

6x+6y=24 6x+6(-X+4)=24

6x-6x+24=24

dependent > Same line