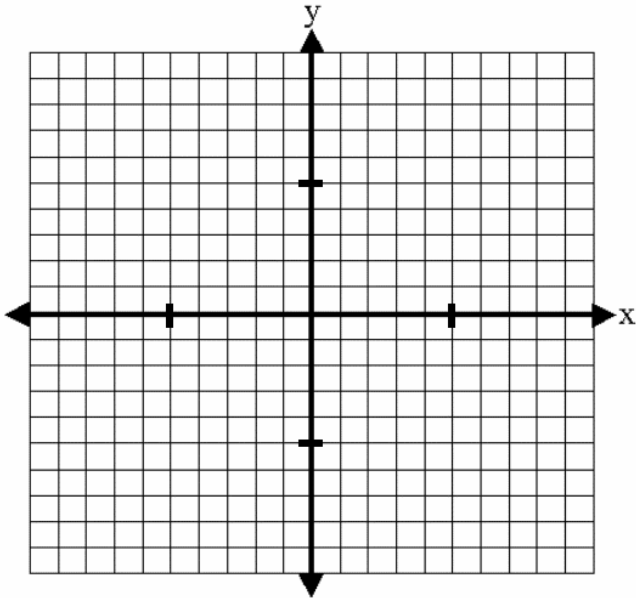


OBJECTIVE: To solve a system of equations graphically.

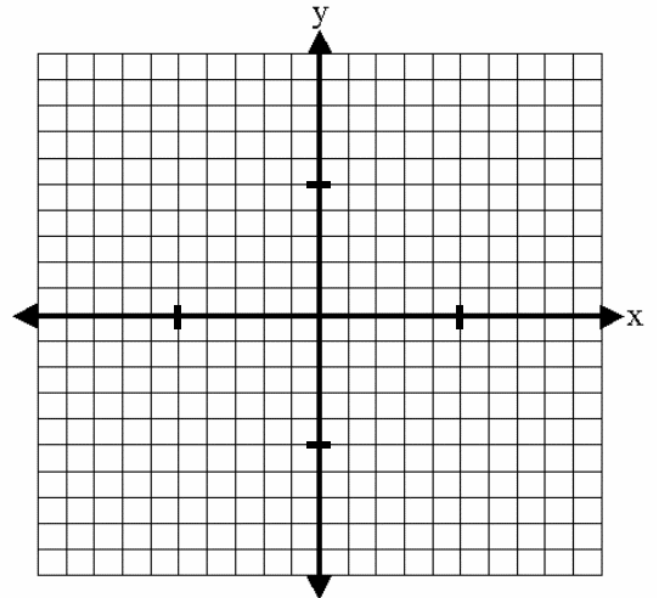
Solve each system of linear equations by graphing.

1. $y = 2x - 4$
 $y = -3x + 1$



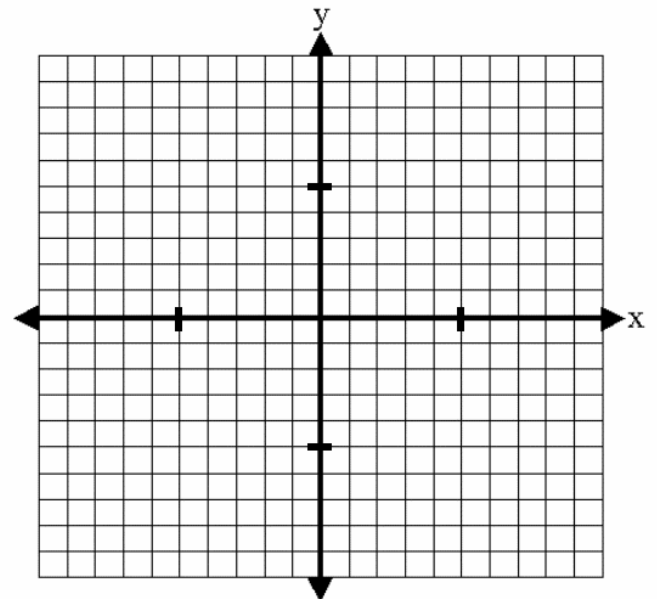
Solution _____

2. $y = -x + 3$
 $y = 2x + 9$



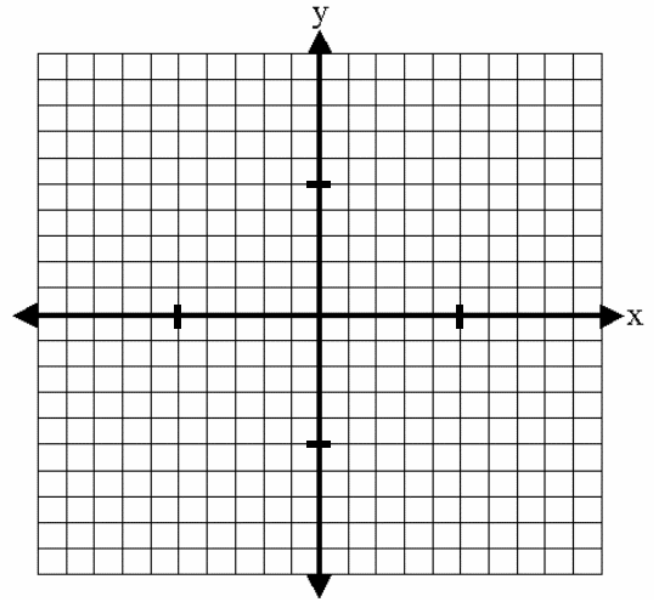
Solution _____

3. $2x + 3y = 12$
 $2x - y = 4$



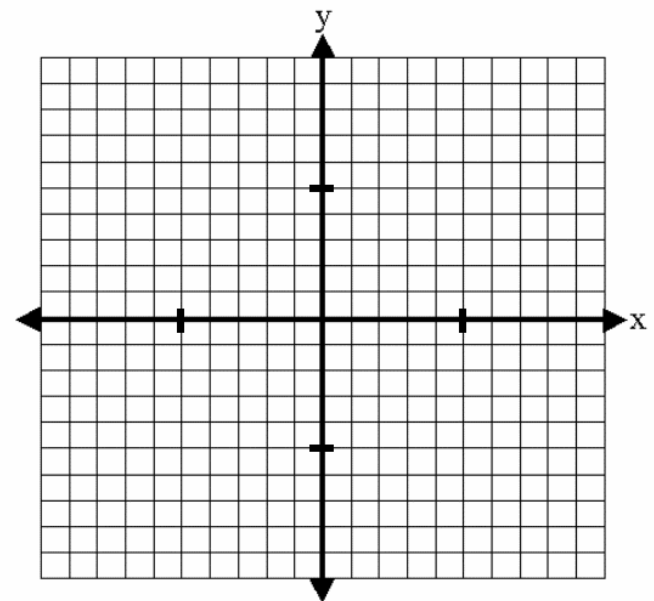
Solution _____

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



Solution _____

5. Write and graph a system of two equations that has NO solution.



6. Explain why a system of linear equations cannot have exactly 2 solutions.

Jumbled Answers

(3,2)

(-2,5)

Infinitely Many Solutions

(1,-2)