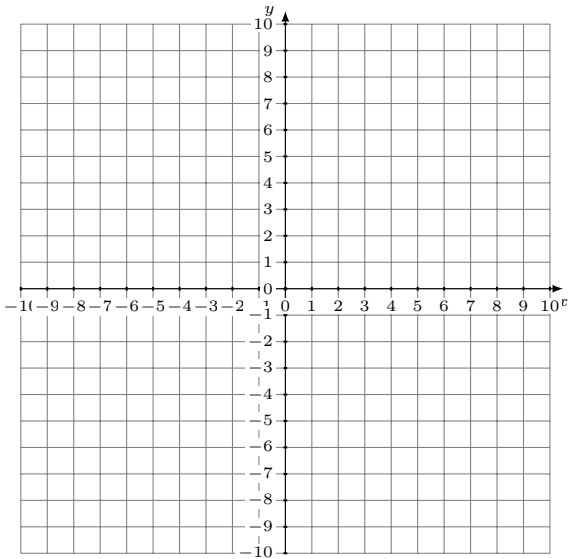


# Inconsistent Linear Systems (I)

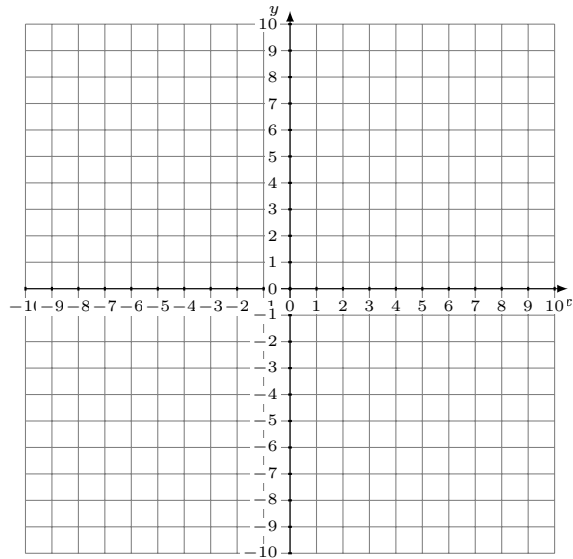
Graph each system and identify the inconsistent system.

1.  $11x - 8y = 64$   
 $y = -\frac{3}{8}x + 6$



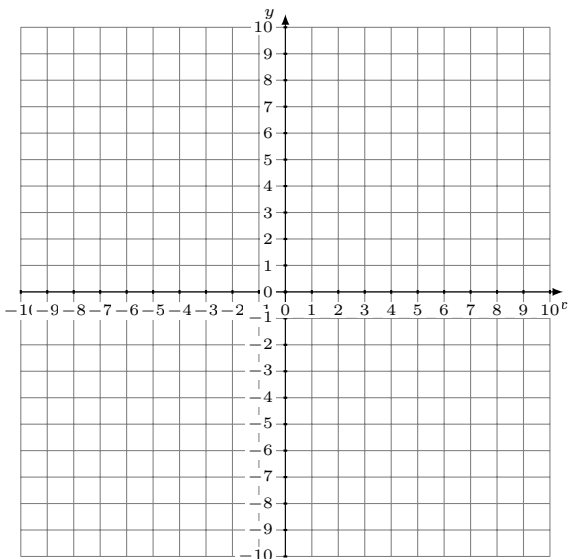
Solution: (----,----)

2.  $y = \frac{12}{7}x + 9$   
 $y = -3$



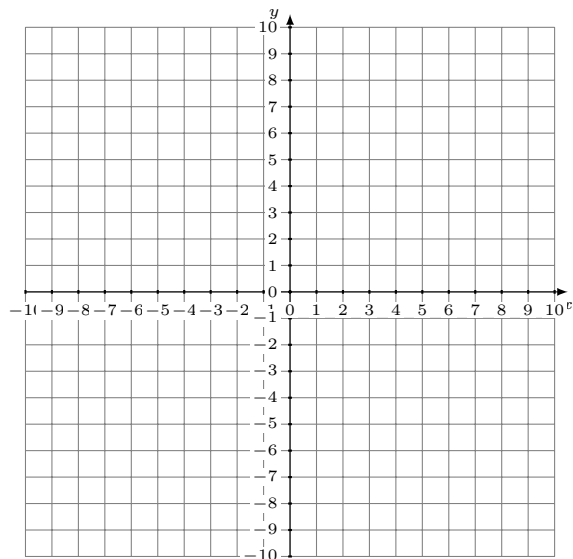
Solution: (----,----)

3.  $y = -\frac{3}{5}x - 3$   
 $3x - 5y = 45$



Solution: (----,----)

4.  $y = -\frac{3}{2}x + 9$   
 $3x + 2y = -6$

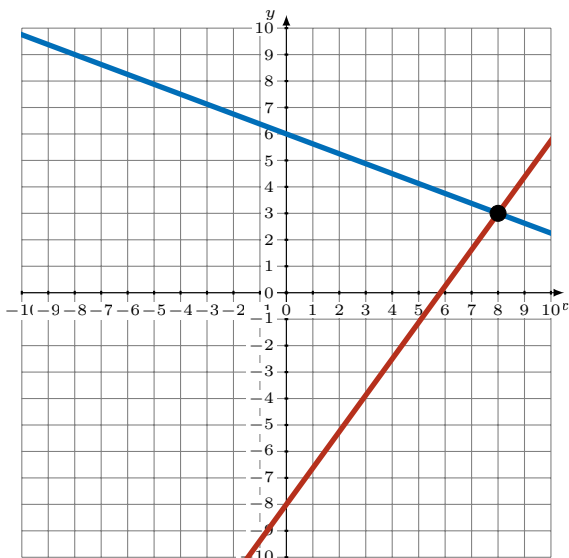


Solution: (----,----)

# Inconsistent Linear Systems (I) Answers

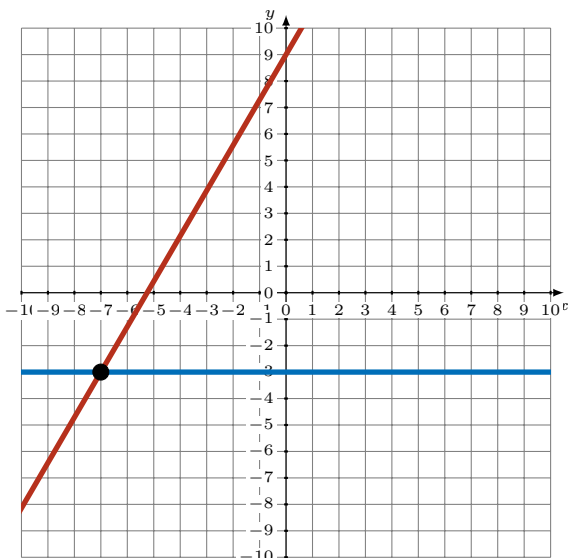
Graph each system and identify the inconsistent system.

1.  $11x - 8y = 64$   
 $y = -\frac{3}{8}x + 6$



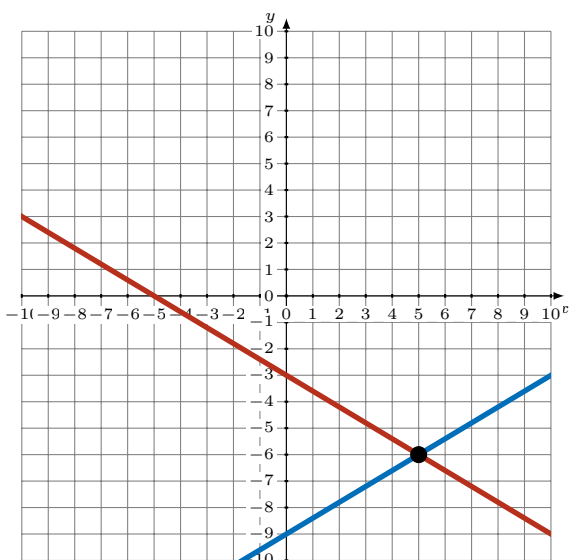
Solution: (8,3)

2.  $y = \frac{12}{7}x + 9$   
 $y = -3$



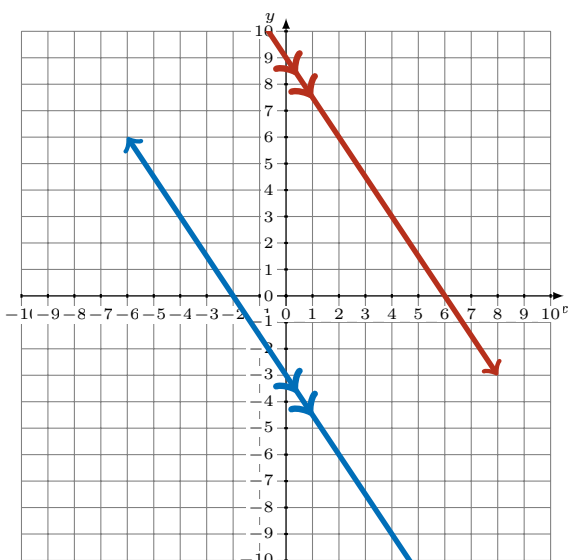
Solution: (-7,-3)

3.  $y = -\frac{3}{5}x - 3$   
 $3x - 5y = 45$



Solution: (5,-6)

4.  $y = -\frac{3}{2}x + 9$   
 $3x + 2y = -6$



Solution: **No Solution (Inconsistent)**