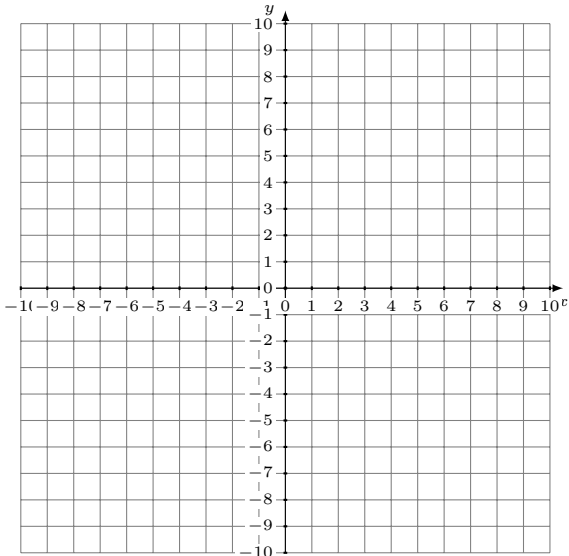


# Graphing Linear Systems (A)

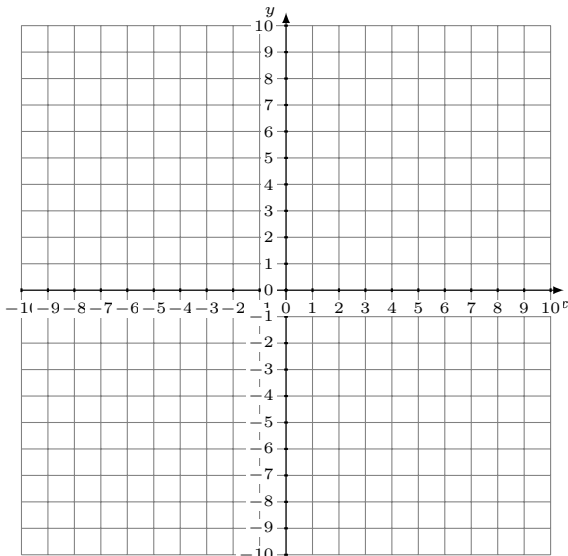
Graph each system and identify its solution.

1.  $x + 4y = 8$   
 $y = \frac{3}{4}x + 6$



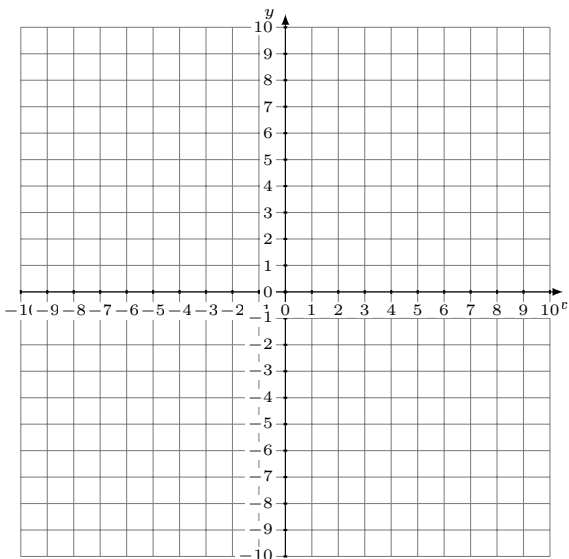
Solution: (----,----)

2.  $8x - y = 6$   
 $y = 6x - 4$



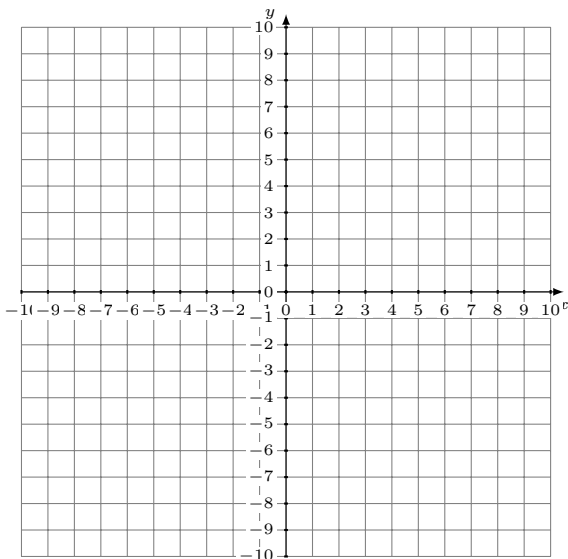
Solution: (----,----)

3.  $y = 2x + 8$   
 $x + 2y = -14$



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

4.  $7x + 8y = 64$   
 $x + 4y = 12$

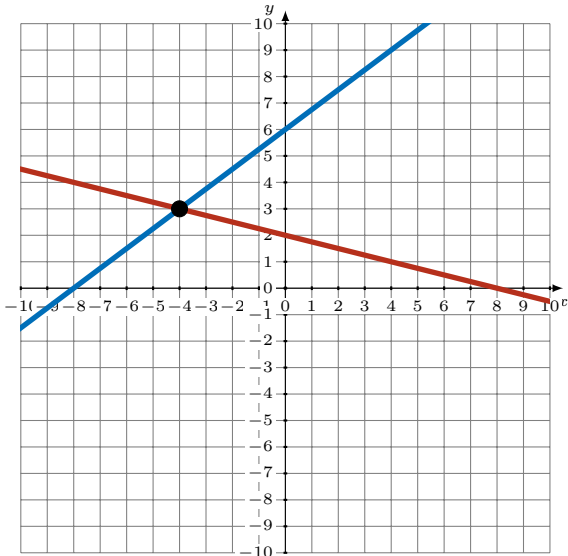


Solution: (----,----)

# Graphing Linear Systems (A) Answers

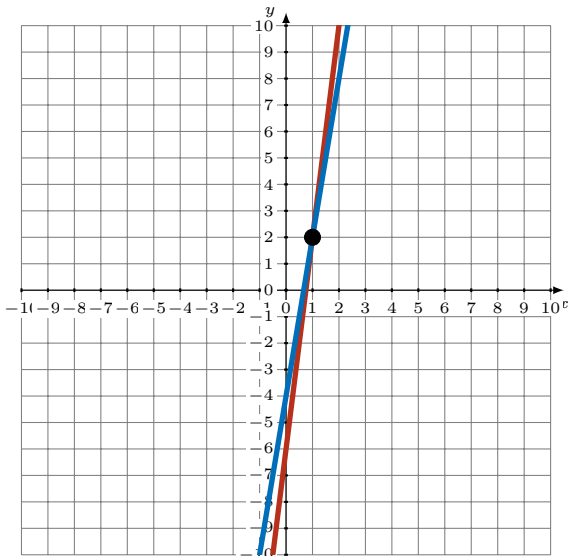
Graph each system and identify its solution.

1.  $x + 4y = 8$   
 $y = \frac{3}{4}x + 6$



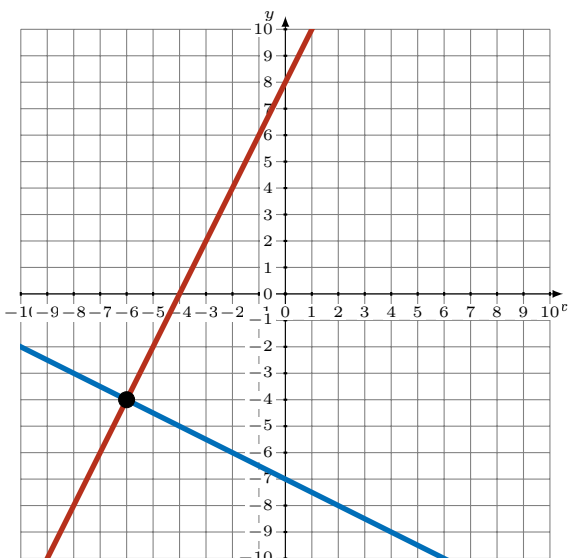
Solution:  $(-4, 3)$

2.  $8x - y = 6$   
 $y = 6x - 4$



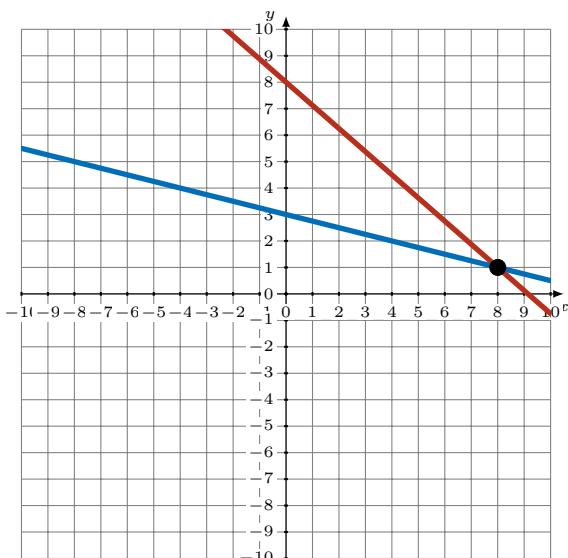
Solution:  $(1, 2)$

3.  $y = 2x + 8$   
 $x + 2y = -14$



Solution:  $(-6, -4)$

4.  $7x + 8y = 64$   
 $x + 4y = 12$

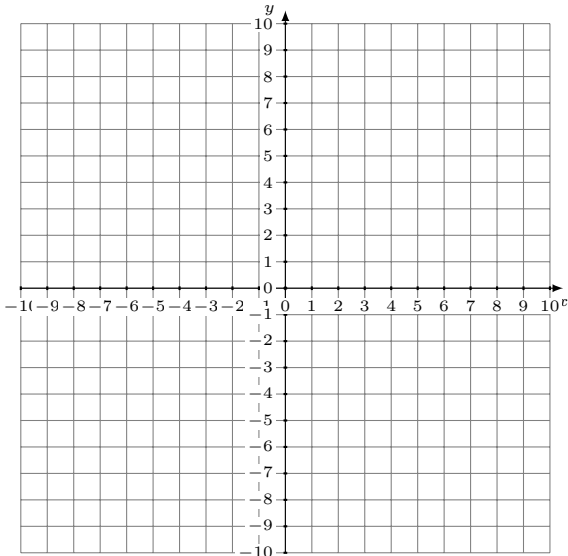


Solution:  $(8, 1)$

# Graphing Linear Systems (B)

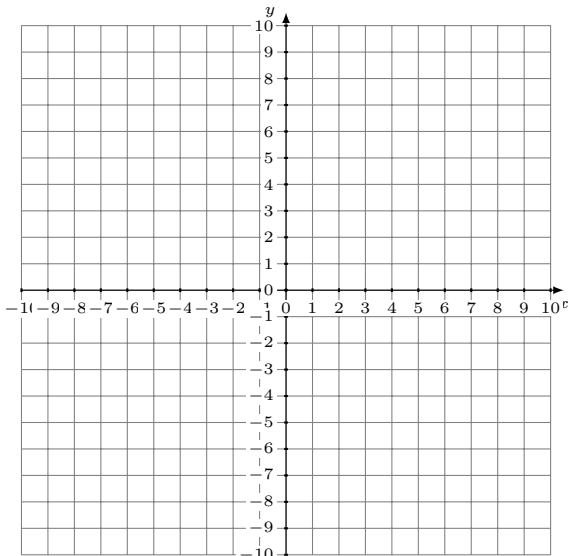
Graph each system and identify its solution.

1.  $x + y = 6$   
 $y = \frac{1}{7}x - 2$



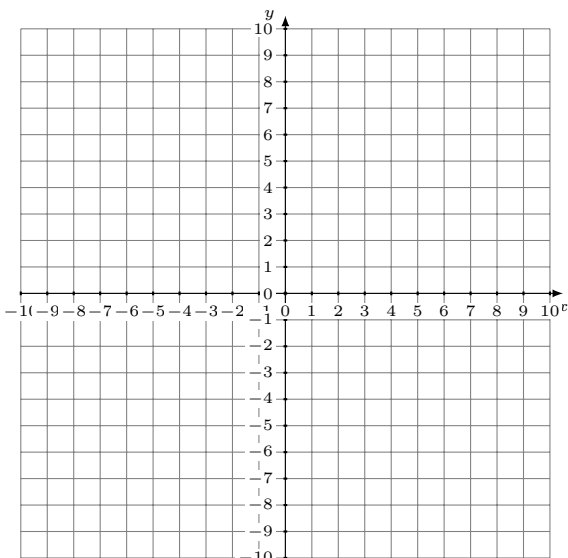
Solution: (\_\_\_\_,\_\_\_\_)

2.  $y = -3x + 7$   
 $y = -2$



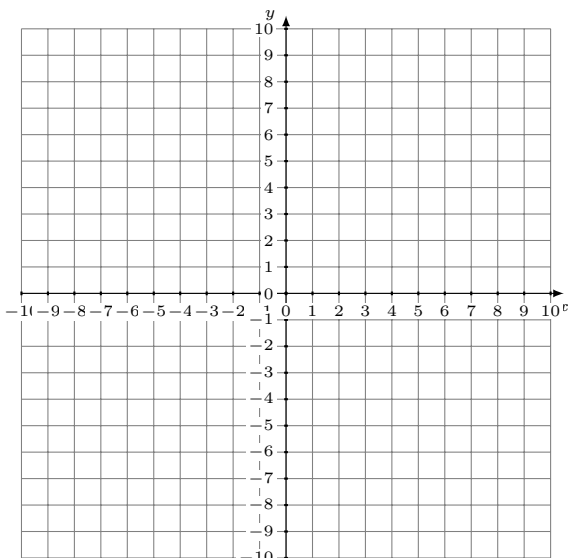
Solution: (\_\_\_\_,\_\_\_\_)

3.  $y = -\frac{5}{3}x + 1$   
 $y = 6$



Solution: (\_\_\_\_,\_\_\_\_)

4.  $5x - 9y = -36$   
 $8x - 9y = -9$

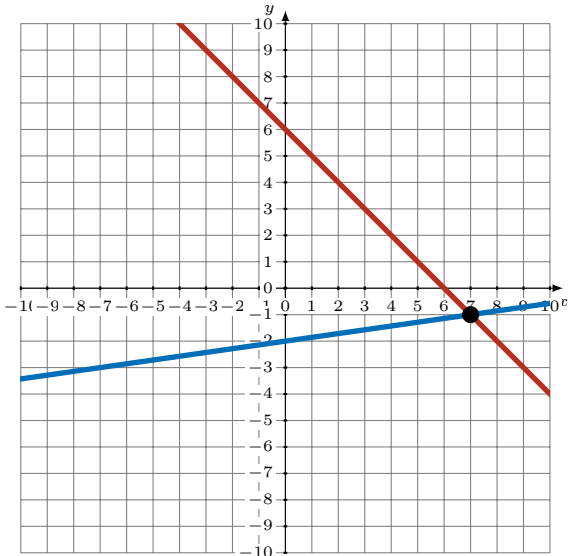


Solution: (\_\_\_\_,\_\_\_\_)

# Graphing Linear Systems (B) Answers

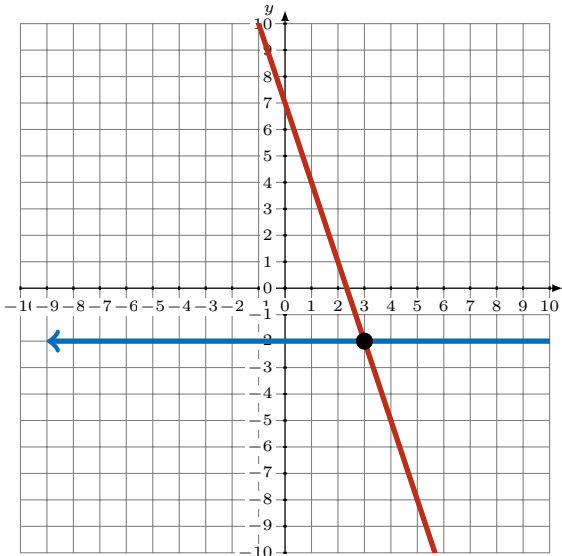
Graph each system and identify its solution.

1.  $x + y = 6$   
 $y = \frac{1}{7}x - 2$



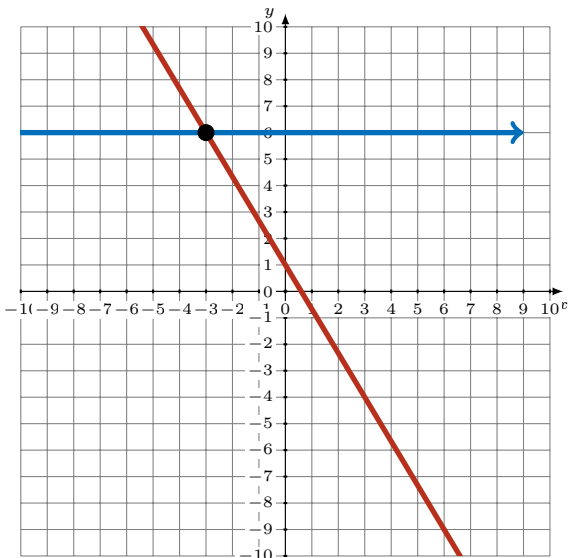
Solution: (7,-1)

2.  $y = -3x + 7$   
 $y = -2$



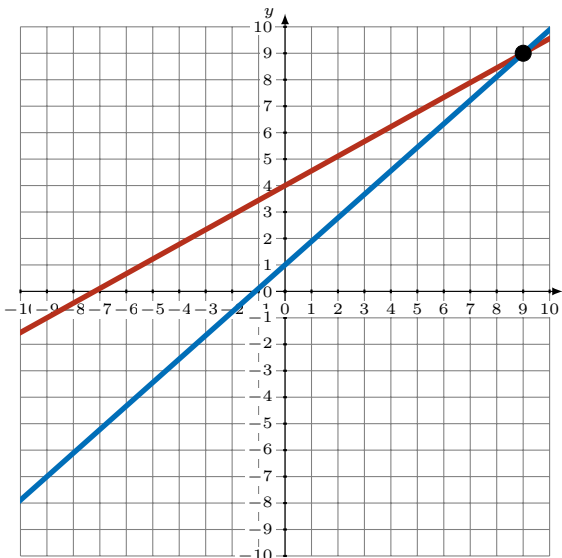
Solution: (3,-2)

3.  $y = -\frac{5}{3}x + 1$   
 $y = 6$



Solution: (-3,6)

4.  $5x - 9y = -36$   
 $8x - 9y = -9$

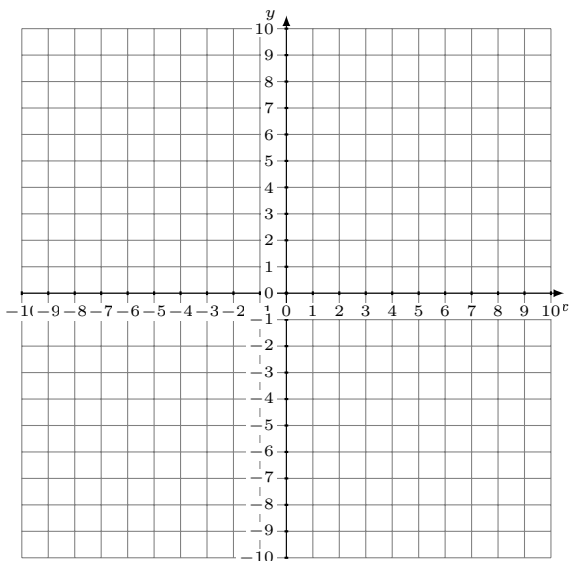


Solution: (9,9)

# Graphing Linear Systems (C)

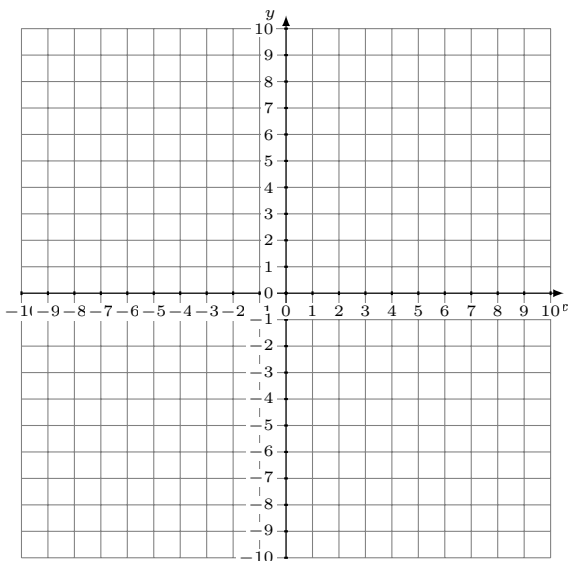
Graph each system and identify its solution.

1.  $7x + 3y = -12$   
 $2x - 3y = -15$



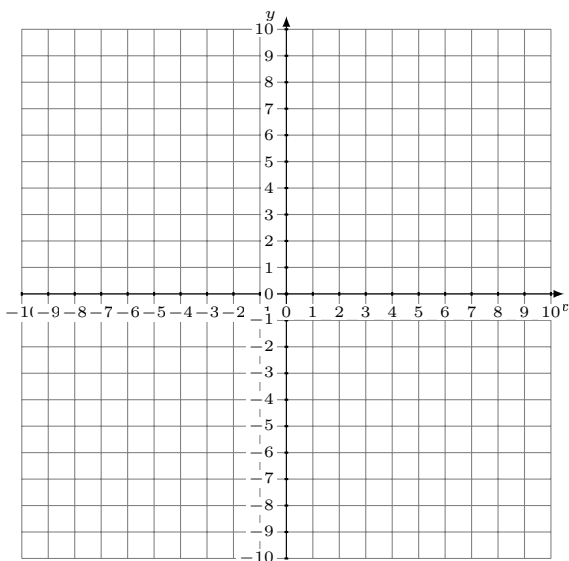
Solution: (----,----)

2.  $3x + 4y = 8$   
 $y = \frac{1}{4}x - 6$



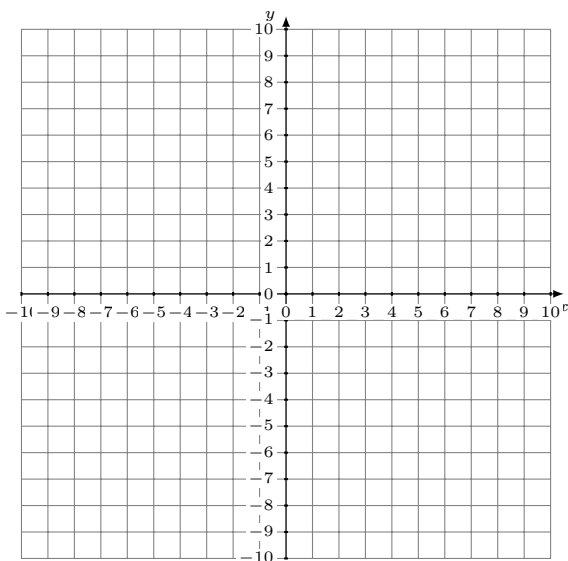
Solution: (----,----)

3.  $10x - y = 4$   
 $y = 6x$



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

4.  $y = 2x - 2$   
 $y = \frac{1}{3}x - 7$

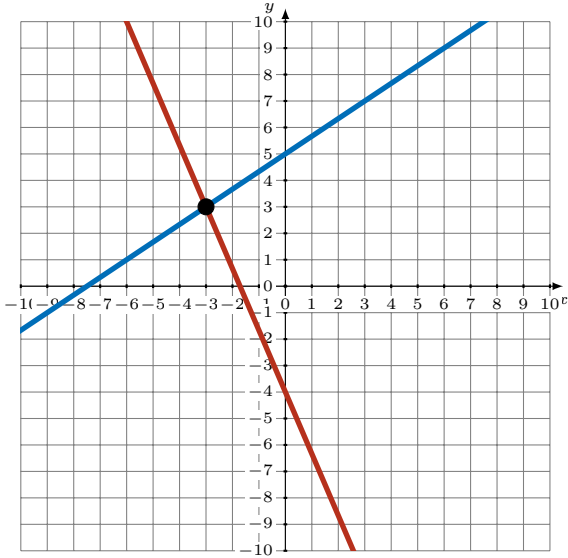


Solution: (----,----)

# Graphing Linear Systems (C) Answers

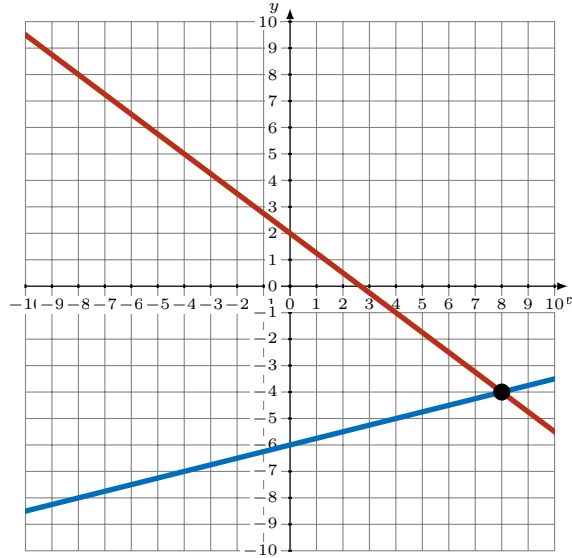
Graph each system and identify its solution.

1.  $7x + 3y = -12$   
 $2x - 3y = -15$



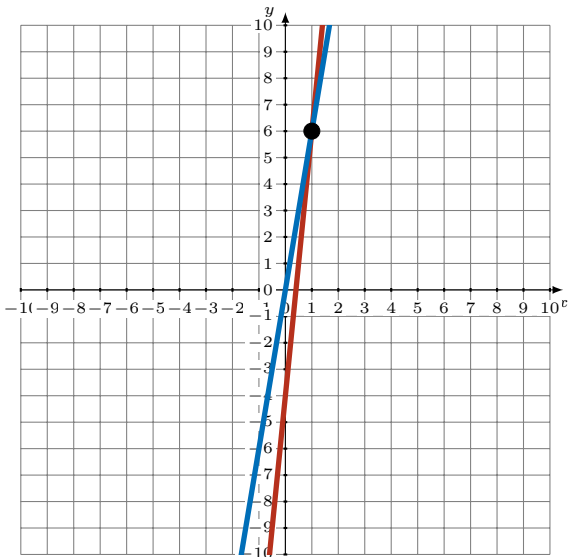
Solution:  $(-3, 3)$

2.  $3x + 4y = 8$   
 $y = \frac{1}{4}x - 6$



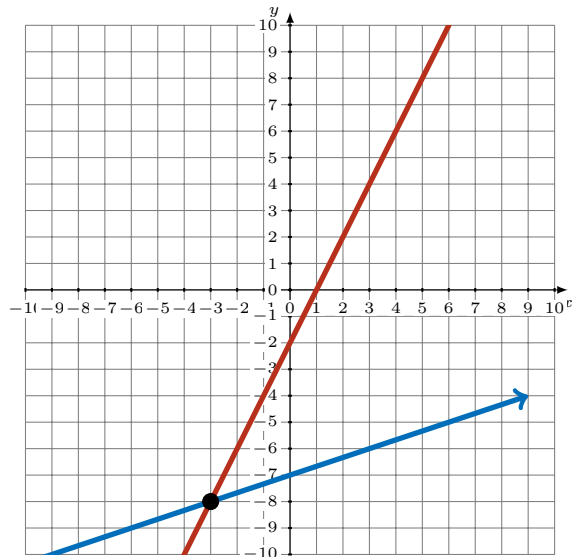
Solution:  $(8, -4)$

3.  $10x - y = 4$   
 $y = 6x$



Solution:  $(1, 6)$

4.  $y = 2x - 2$   
 $y = \frac{1}{3}x - 7$

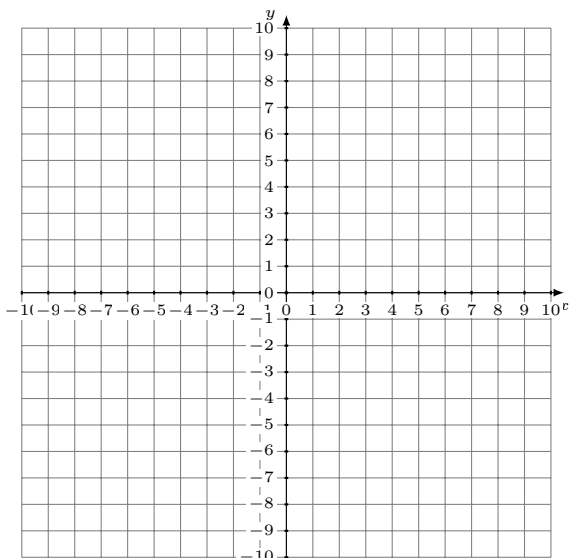


Solution:  $(-3, -8)$

# Graphing Linear Systems (D)

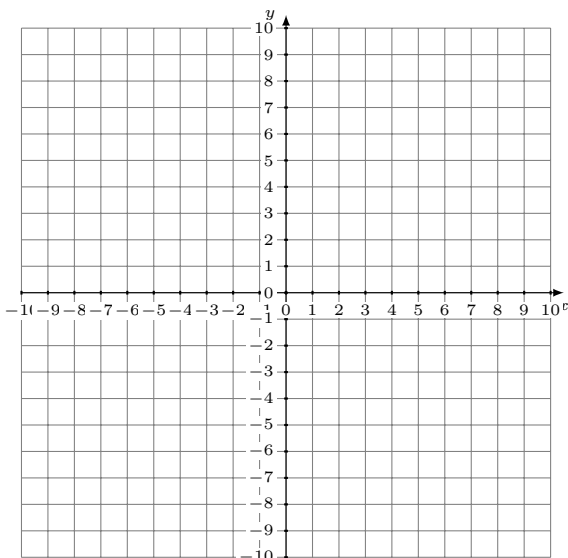
Graph each system and identify its solution.

1.  $y = \frac{11}{9}x + 8$   
 $8x - 9y = -45$



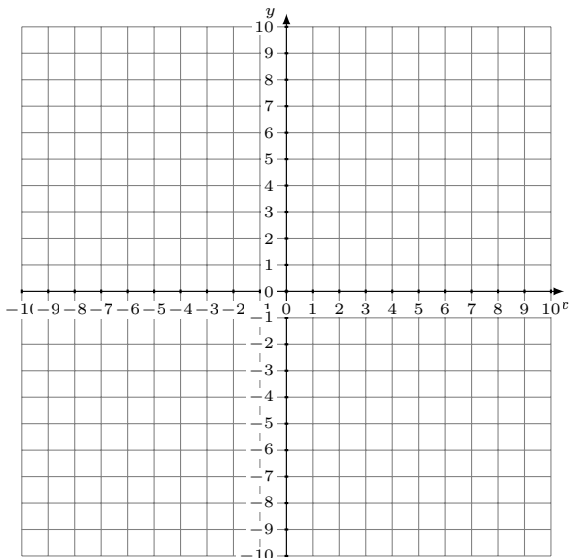
Solution: (----,----)

2.  $x + 4y = 24$   
 $5x - 4y = 0$



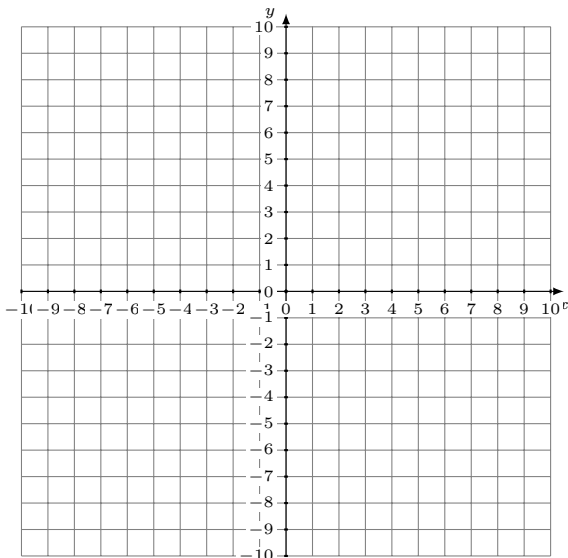
Solution: (----,----)

3.  $4x - y = -4$   
 $9x - y = 1$



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

4.  $y = 5$   
 $5x - 2y = 0$

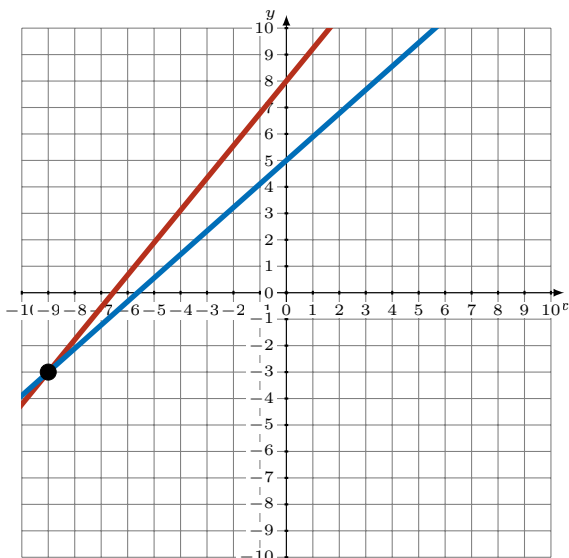


Solution: (----,----)

# Graphing Linear Systems (D) Answers

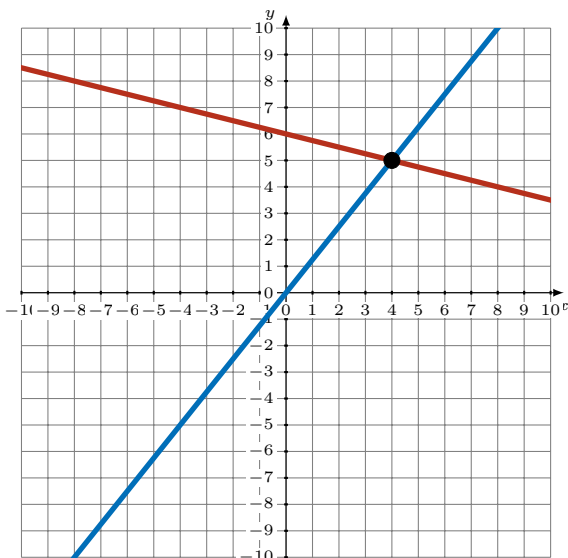
Graph each system and identify its solution.

1.  $y = \frac{11}{9}x + 8$   
 $8x - 9y = -45$



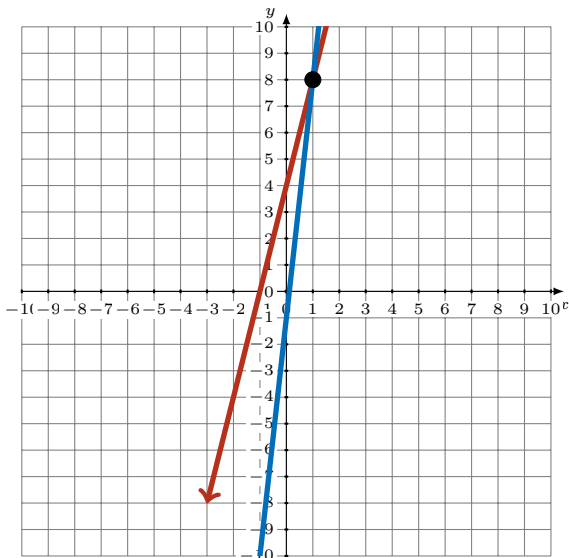
Solution: (-9,-3)

2.  $x + 4y = 24$   
 $5x - 4y = 0$



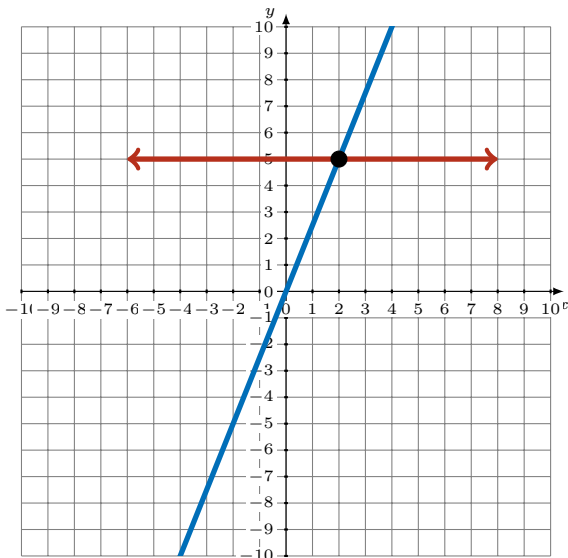
Solution: (4,5)

3.  $4x - y = -4$   
 $9x - y = 1$



Solution: (1,8)

4.  $y = 5$   
 $5x - 2y = 0$



Solution: (2,5)



# Graphing Linear Systems (E)

Graph each system and identify its solution.

1.  $y = -\frac{1}{2}x + 2$   
 $5x + 8y = 8$



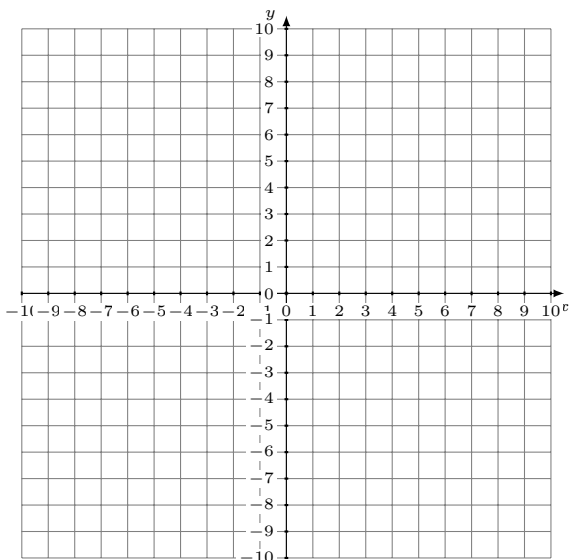
Solution: (\_\_\_\_,\_\_\_\_)

2.  $x + y = 8$   
 $2x - 3y = -9$



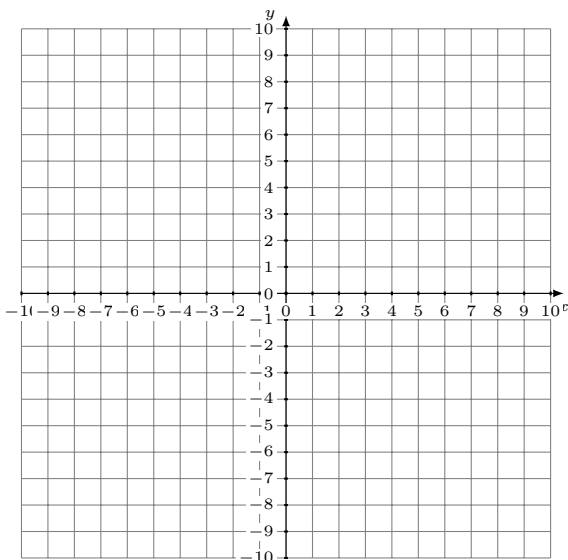
Solution: (\_\_\_\_,\_\_\_\_)

3.  $x + 4y = -28$   
 $9x + 8y = 0$



Solution: (\_\_\_\_,\_\_\_\_)

4.  $y = x - 6$   
 $3x - 2y = 10$

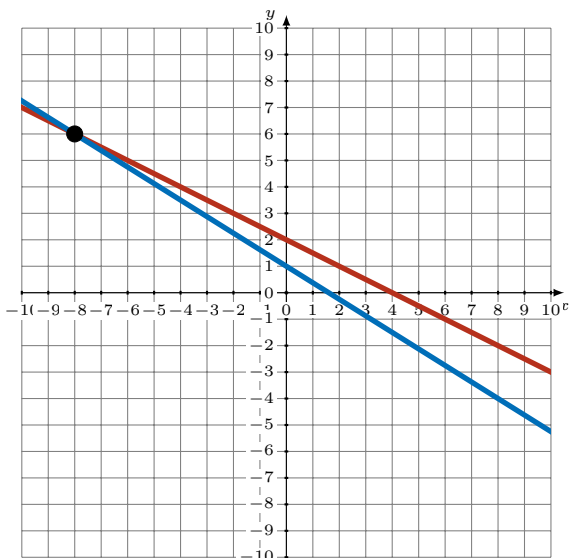


Solution: (\_\_\_\_,\_\_\_\_)

# Graphing Linear Systems (E) Answers

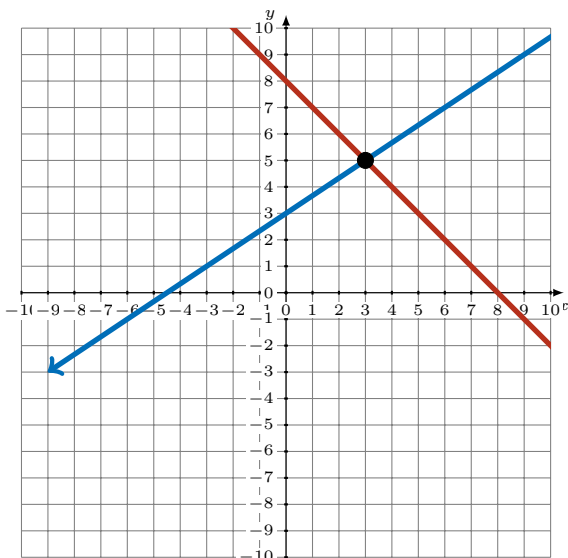
Graph each system and identify its solution.

1.  $y = -\frac{1}{2}x + 2$   
 $5x + 8y = 8$



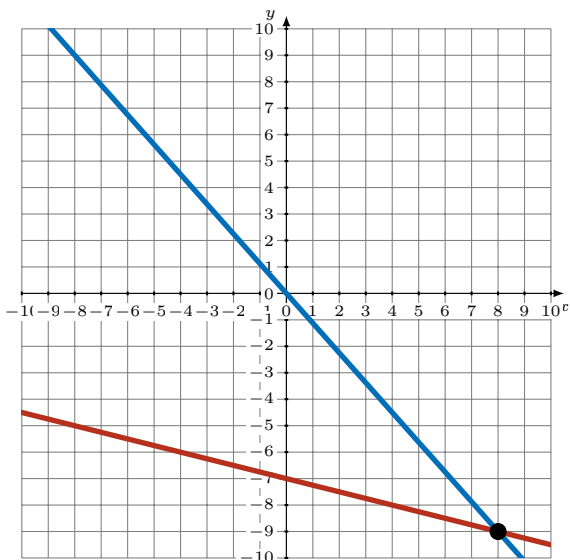
Solution: (-8,6)

2.  $x + y = 8$   
 $2x - 3y = -9$



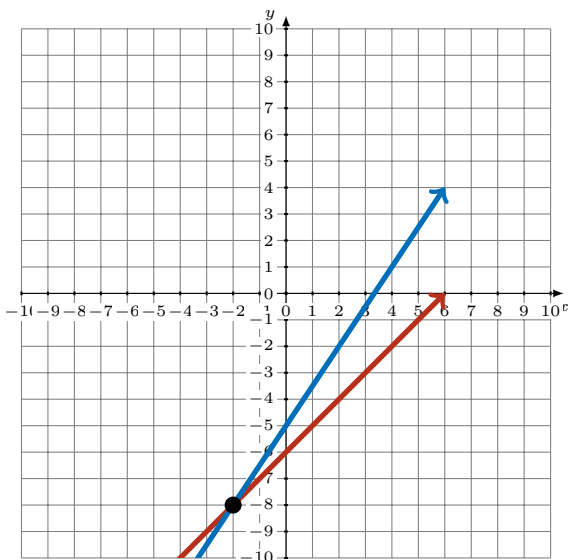
Solution: (3,5)

3.  $x + 4y = -28$   
 $9x + 8y = 0$



Solution: (8,-9)

4.  $y = x - 6$   
 $3x - 2y = 10$

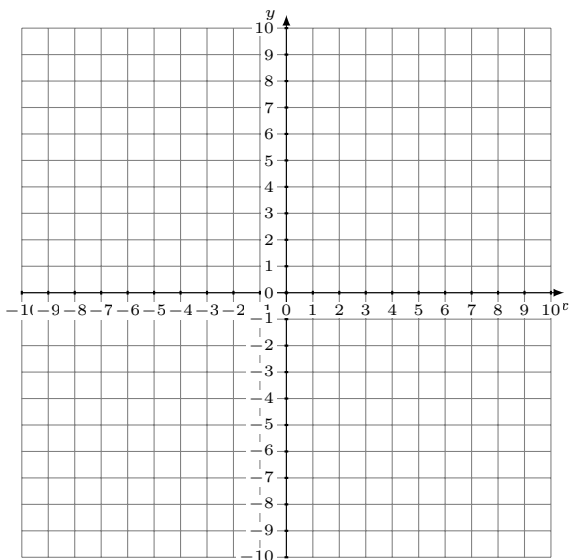


Solution: (-2,-8)

# Graphing Linear Systems (F)

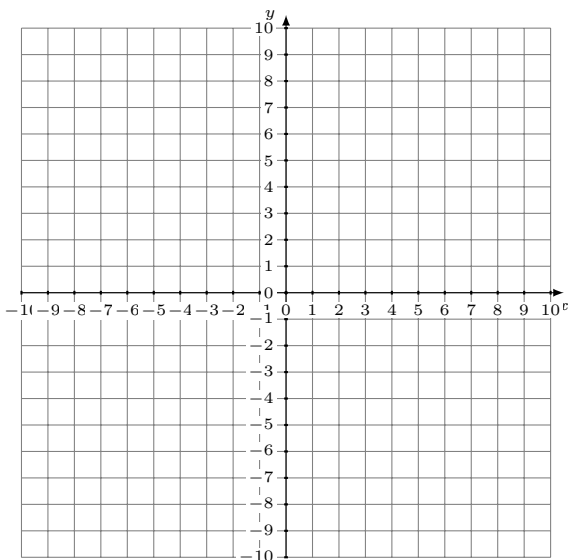
Graph each system and identify its solution.

1.  $y = -\frac{5}{3}x - 7$   
 $y = -\frac{16}{9}x - 8$



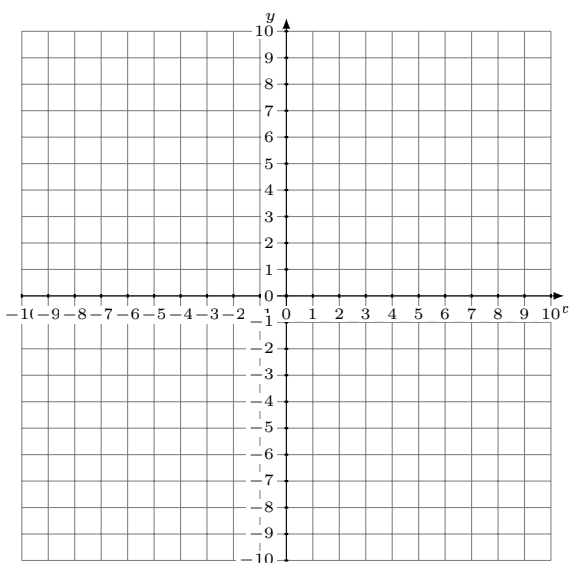
Solution: (----,----)

2.  $y = -6$   
 $3x + 4y = 0$



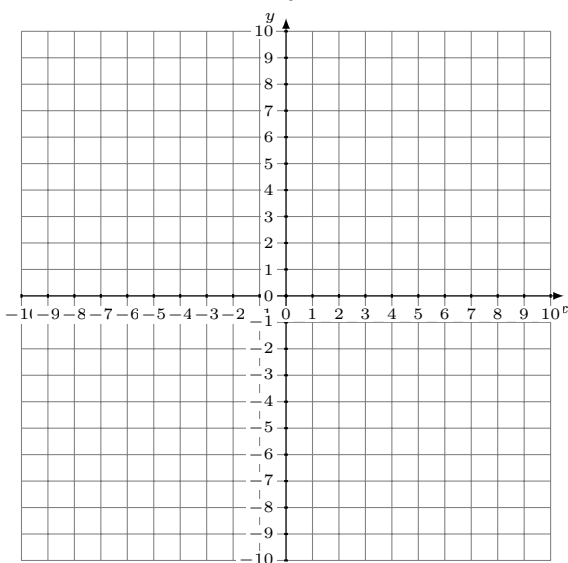
Solution: (----,----)

3.  $17x + 2y = 18$   
 $y = -8x + 8$



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

4.  $y = -\frac{3}{5}x - 6$   
 $y = -\frac{1}{5}x - 4$

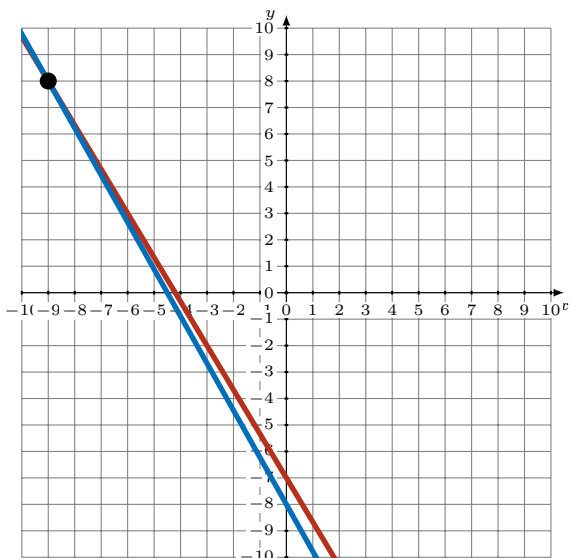


Solution: (----,----)

# Graphing Linear Systems (F) Answers

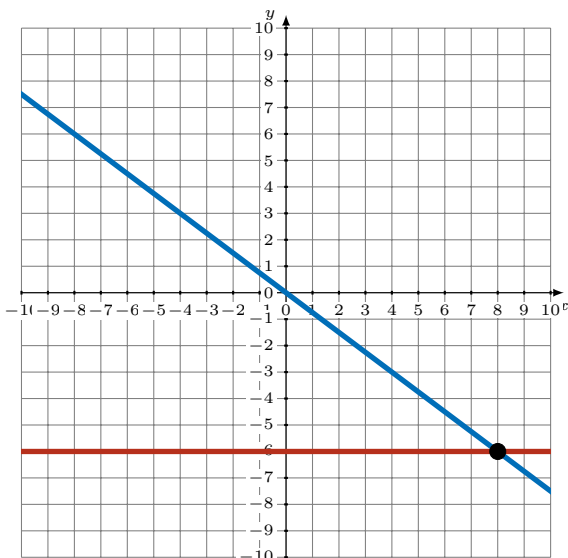
Graph each system and identify its solution.

1.  $y = -\frac{5}{3}x - 7$   
 $y = -\frac{16}{9}x - 8$



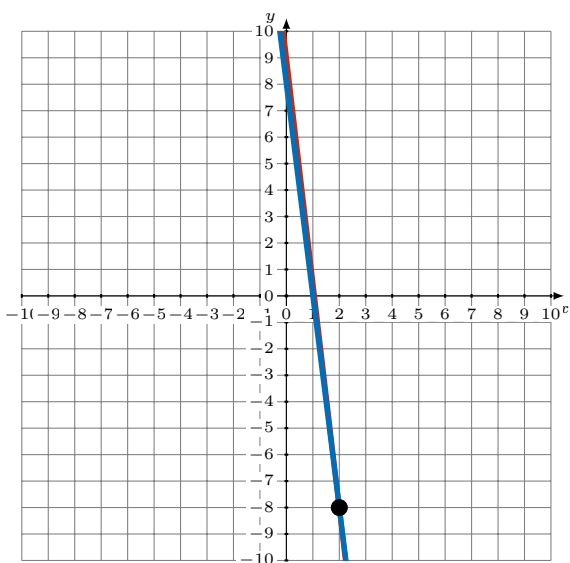
Solution: (-9,8)

2.  $y = -6$   
 $3x + 4y = 0$



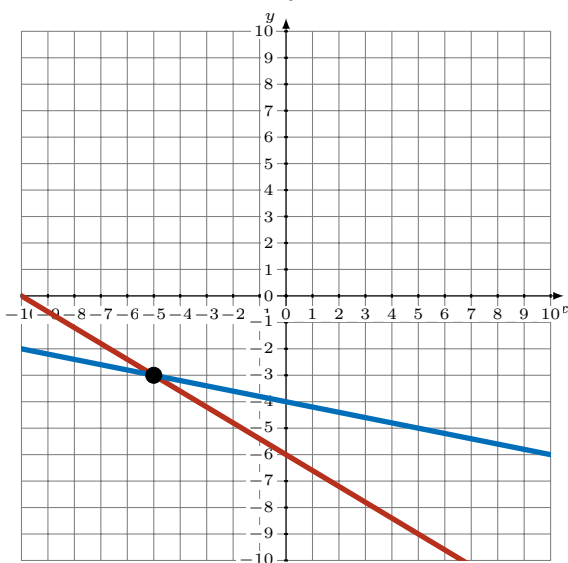
Solution: (8,-6)

3.  $17x + 2y = 18$   
 $y = -8x + 8$



Solution: (2,-8)

4.  $y = -\frac{3}{5}x - 6$   
 $y = -\frac{1}{5}x - 4$

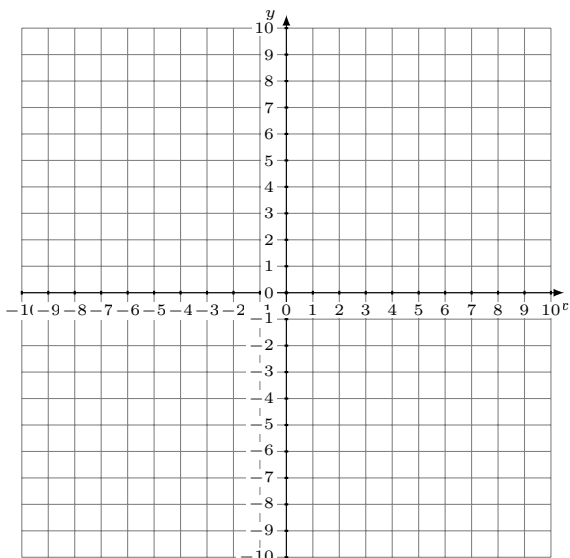


Solution: (-5,-3)

# Graphing Linear Systems (G)

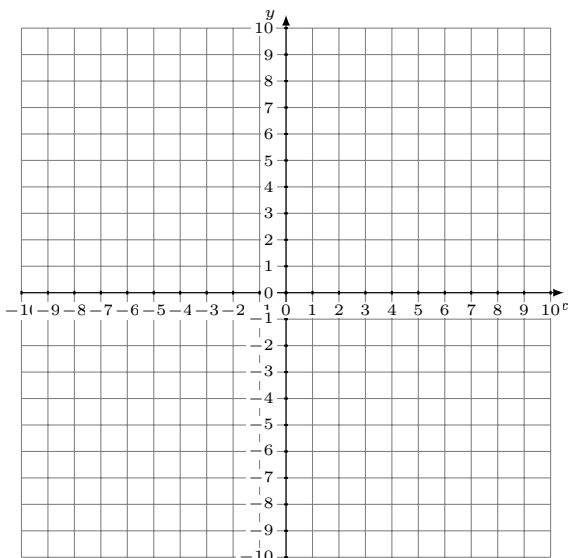
Graph each system and identify its solution.

1.  $y = -\frac{1}{5}x + 2$   
 $y = x - 4$



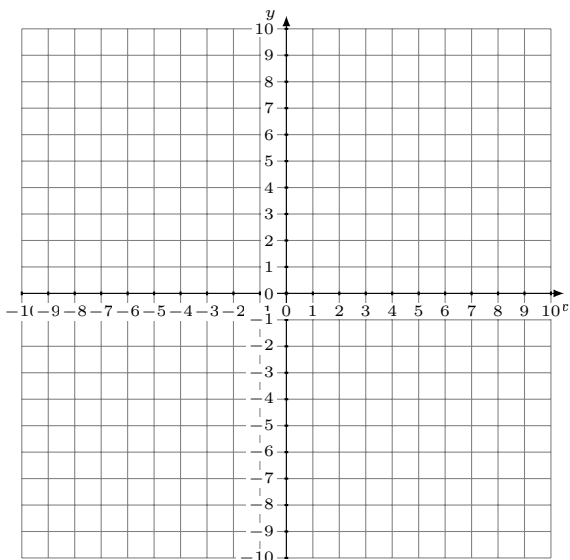
Solution: (\_\_\_\_,\_\_\_\_)

2.  $7x + 9y = 54$   
 $y = -x + 8$



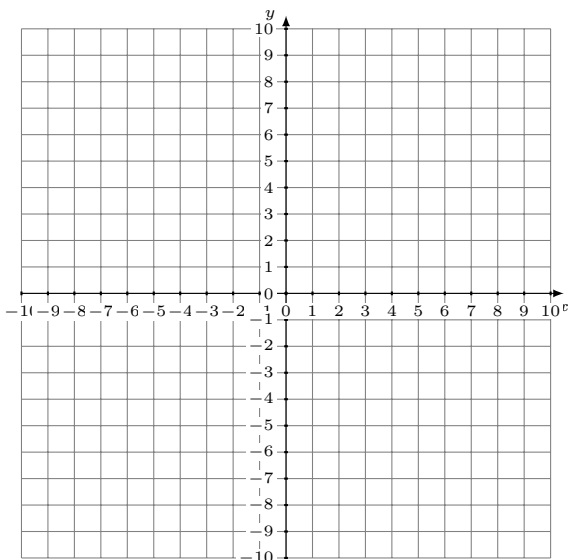
Solution: (\_\_\_\_,\_\_\_\_)

3.  $x - 6y = 12$   
 $y = -x + 5$



Solution: (\_\_\_\_,\_\_\_\_)

4.  $5x + 4y = -28$   
 $y = -\frac{7}{4}x - 9$

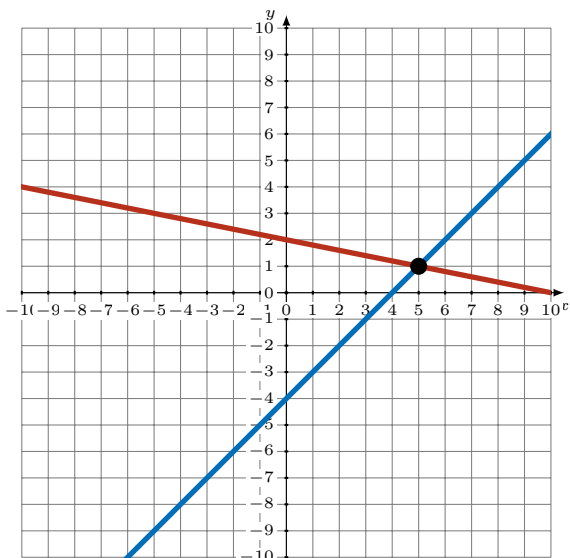


Solution: (\_\_\_\_,\_\_\_\_)

# Graphing Linear Systems (G) Answers

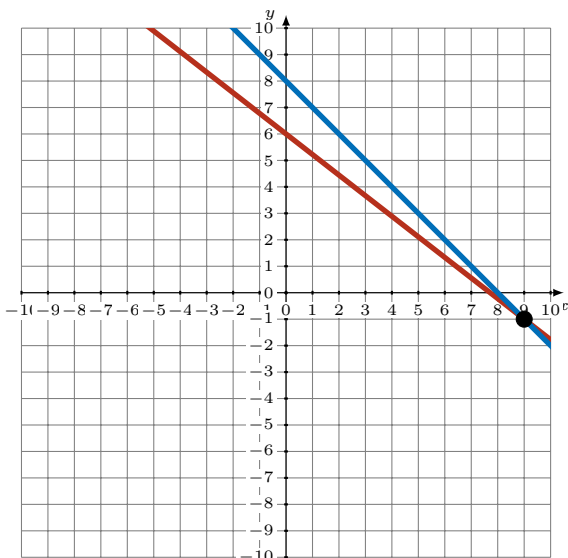
Graph each system and identify its solution.

1.  $y = -\frac{1}{5}x + 2$   
 $y = x - 4$



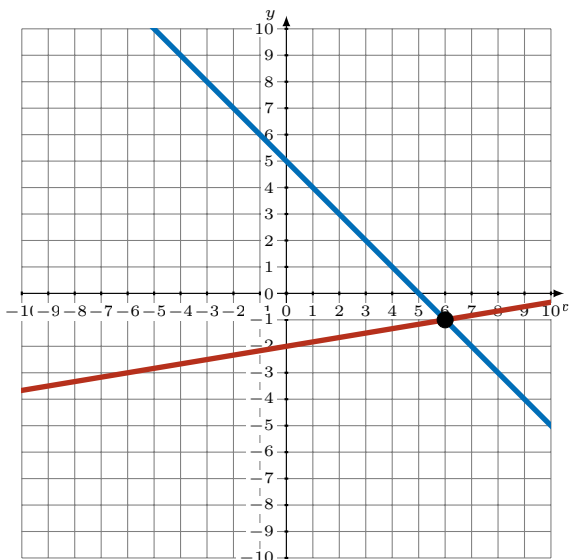
Solution: (5,1)

2.  $7x + 9y = 54$   
 $y = -x + 8$



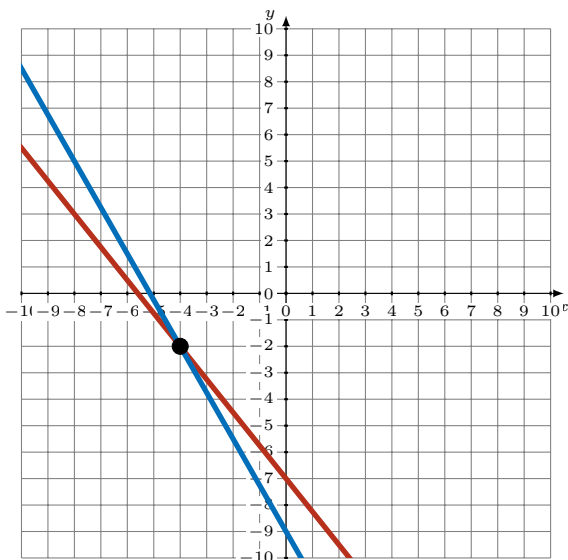
Solution: (9,-1)

3.  $x - 6y = 12$   
 $y = -x + 5$



Solution: (6,-1)

4.  $5x + 4y = -28$   
 $y = -\frac{7}{4}x - 9$

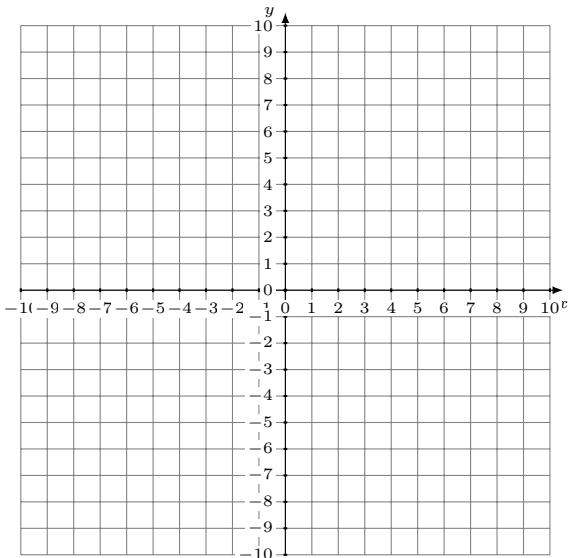


Solution: (-4,-2)

# Graphing Linear Systems (H)

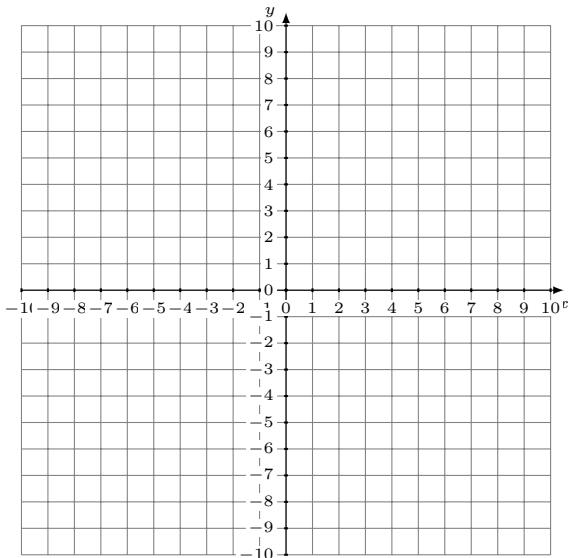
Graph each system and identify its solution.

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



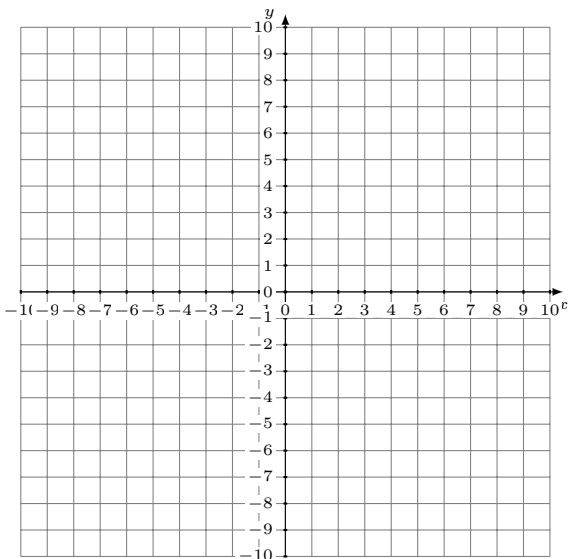
Solution: (----,----)

2.  $7x + 9y = 81$   
 $4x - 9y = 18$



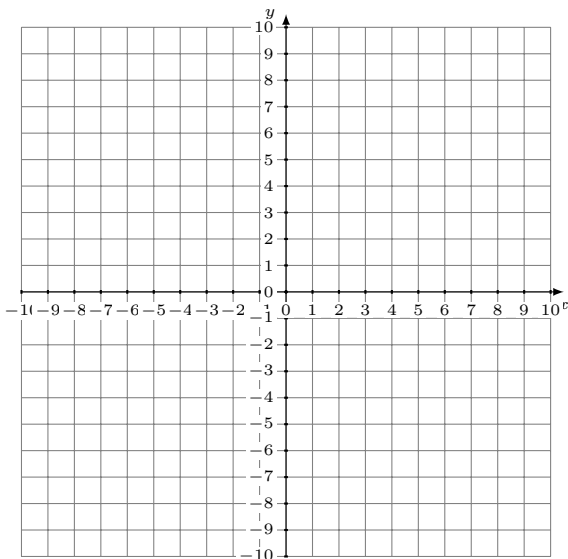
Solution: (----,----)

3.  $y = -x + 5$   
 $2x + y = 4$



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

4.  $2x - 9y = 18$   
 $2x - 3y = -6$

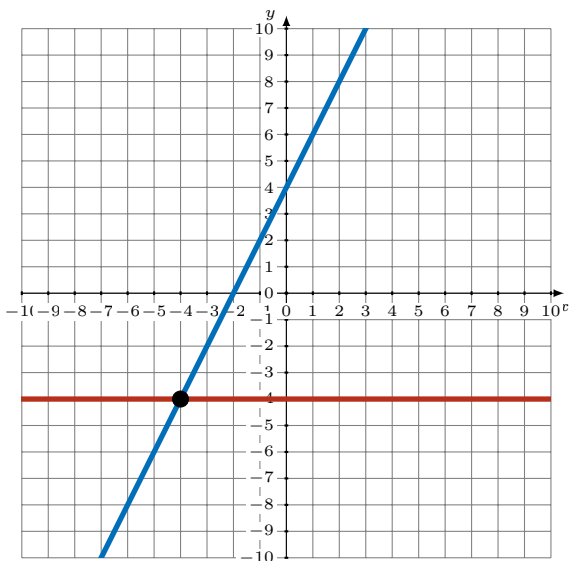


Solution: (----,----)

# Graphing Linear Systems (H) Answers

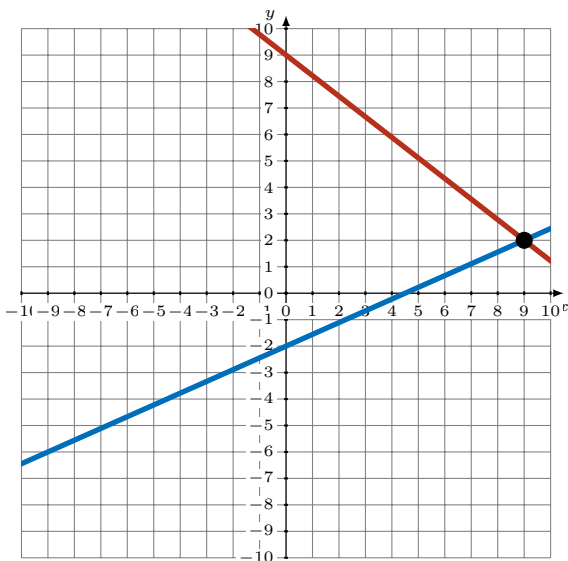
Graph each system and identify its solution.

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



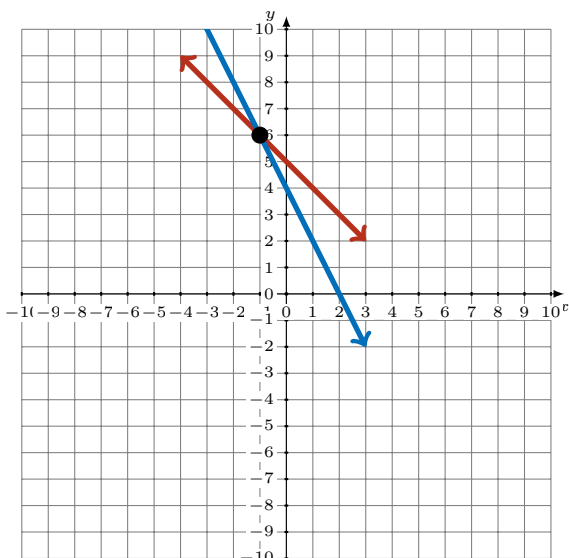
Solution:  $(-4, -4)$

2.  $7x + 9y = 81$   
 $4x - 9y = 18$



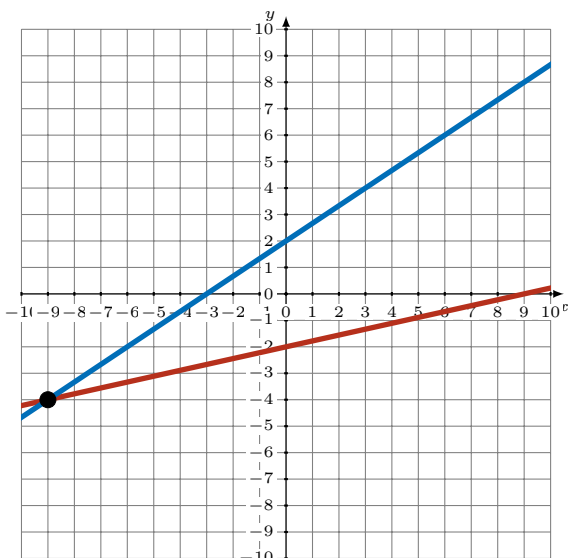
Solution:  $(9, 2)$

3.  $y = -x + 5$   
 $2x + y = 4$



Solution:  $(-1, 6)$

4.  $2x - 9y = 18$   
 $2x - 3y = -6$



Solution:  $(-9, -4)$



# Graphing Linear Systems (I)

Graph each system and identify its solution.

1.  $y = -4x + 7$   
 $y = -\frac{7}{2}x + 5$



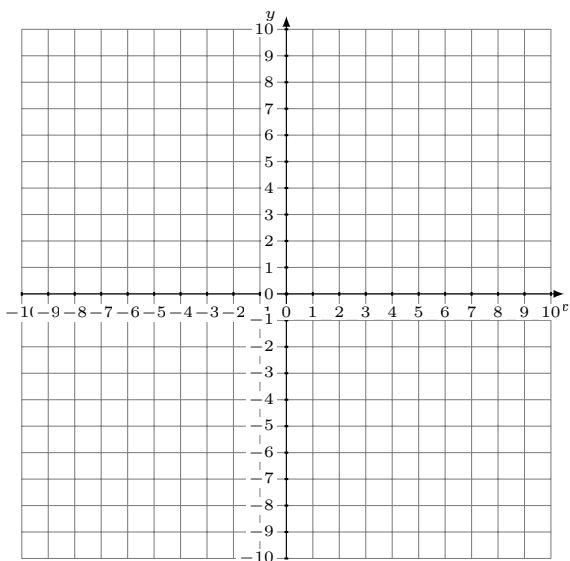
Solution: (\_\_\_\_,\_\_\_\_)

2.  $y = -\frac{13}{5}x + 8$   
 $y = -5$



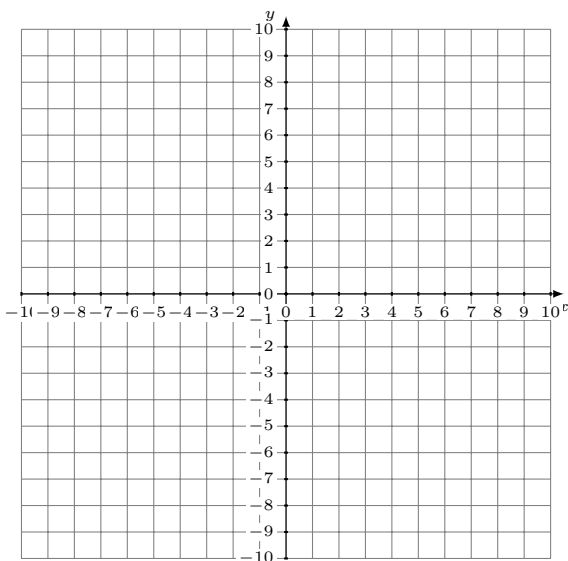
Solution: (\_\_\_\_,\_\_\_\_)

3.  $4x - 3y = 27$   
 $y = -\frac{8}{3}x + 3$



Solution: (\_\_\_\_,\_\_\_\_)

4.  $y = -\frac{2}{5}x - 3$   
 $y = -\frac{3}{5}x - 2$

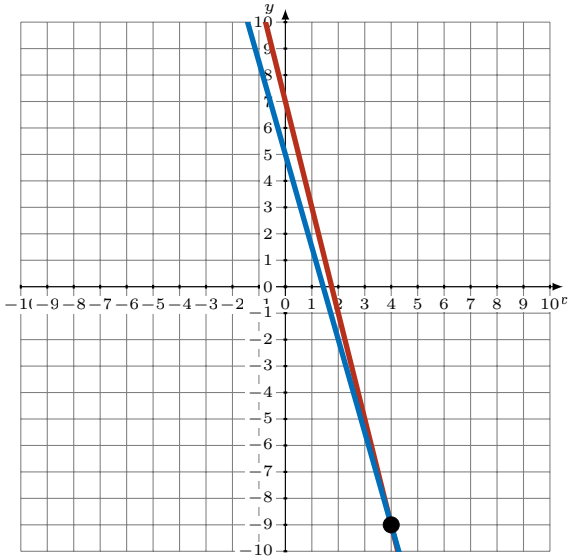


Solution: (\_\_\_\_,\_\_\_\_)

# Graphing Linear Systems (I) Answers

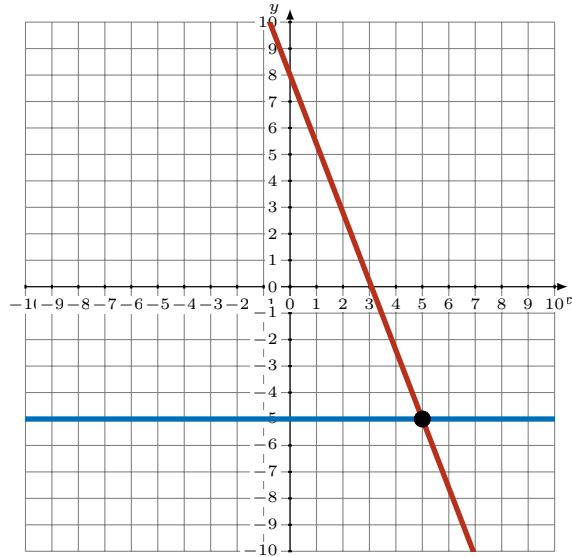
Graph each system and identify its solution.

1.  $y = -4x + 7$   
 $y = -\frac{7}{2}x + 5$



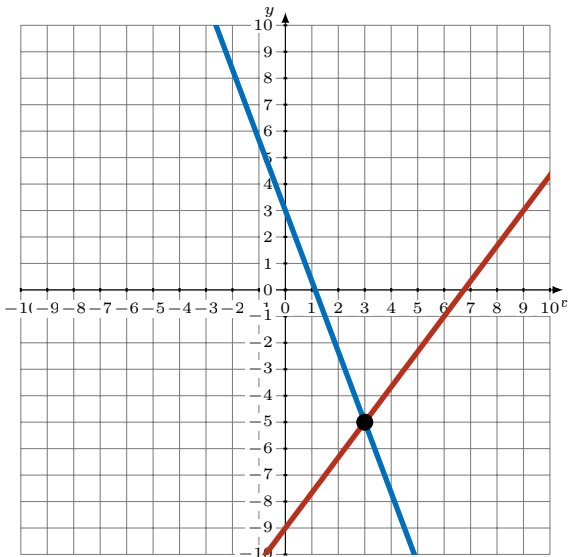
Solution: (4,-9)

2.  $y = -\frac{13}{5}x + 8$   
 $y = -5$



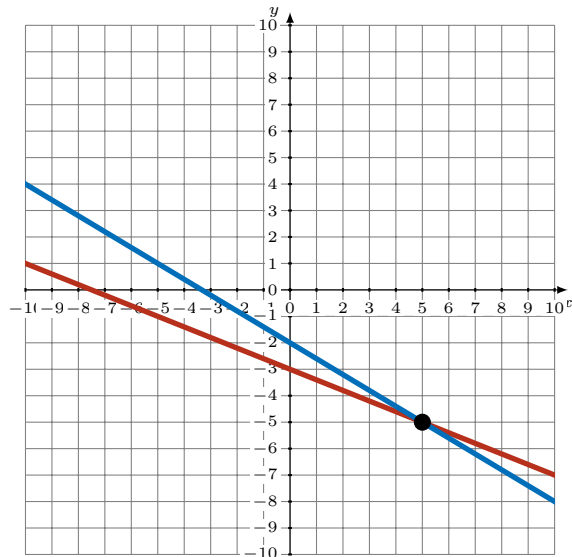
Solution: (5,-5)

3.  $4x - 3y = 27$   
 $y = -\frac{8}{3}x + 3$



Solution: (3,-5)

4.  $y = -\frac{2}{5}x - 3$   
 $y = -\frac{3}{5}x - 2$

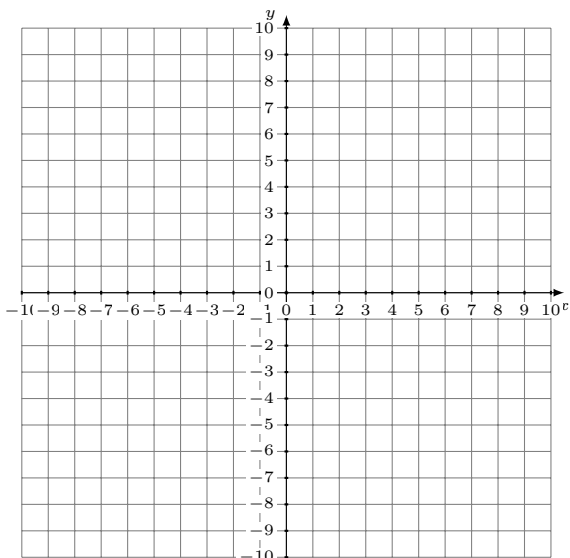


Solution: (5,-5)

# Graphing Linear Systems (J)

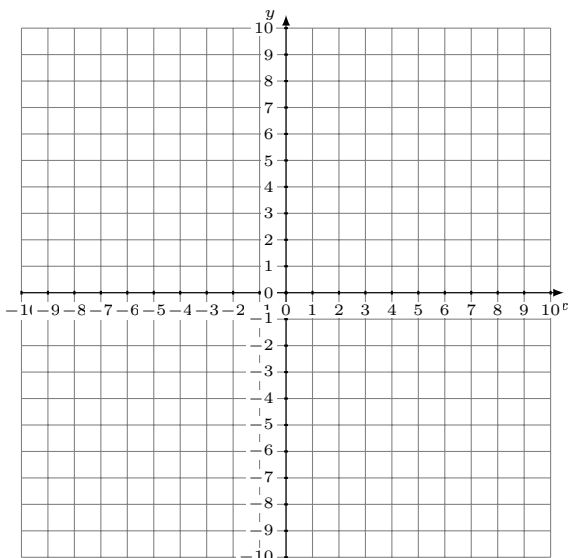
Graph each system and identify its solution.

1.  $11x - 8y = -40$   
 $x - 8y = 40$



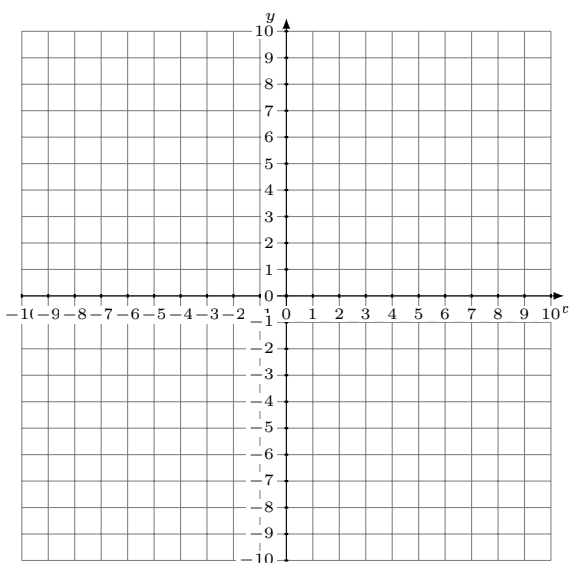
Solution: (----,----)

2.  $y = -\frac{11}{5}x + 6$   
 $3x - 5y = 40$



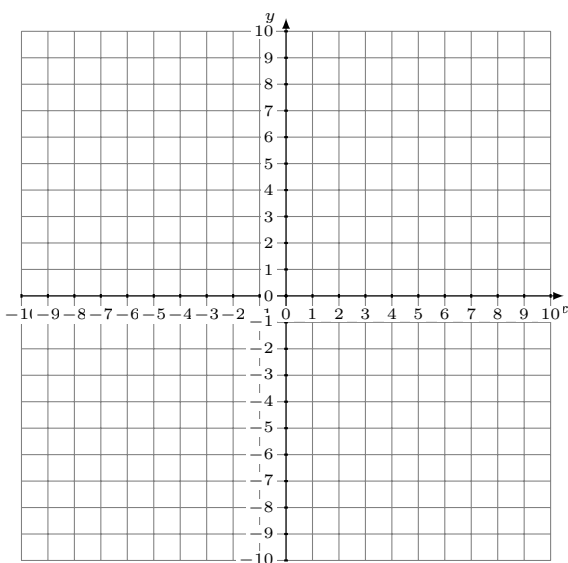
Solution: (----,----)

3.  $y = \frac{1}{2}x + 5$   
 $x + 2y = 18$



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

4.  $y = 2x + 1$   
 $y = \frac{11}{2}x - 6$

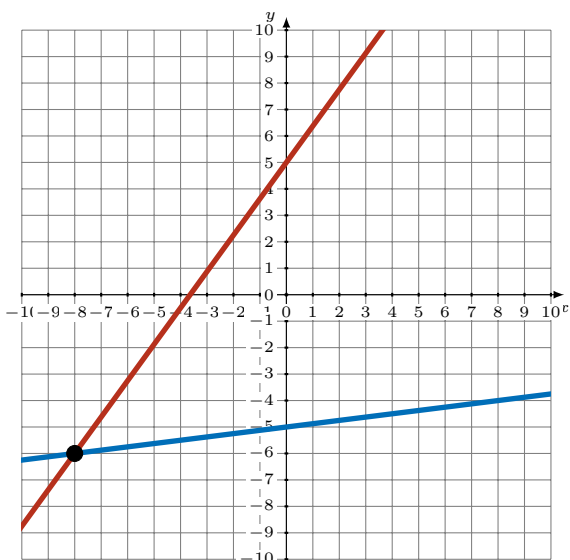


Solution: (----,----)

# Graphing Linear Systems (J) Answers

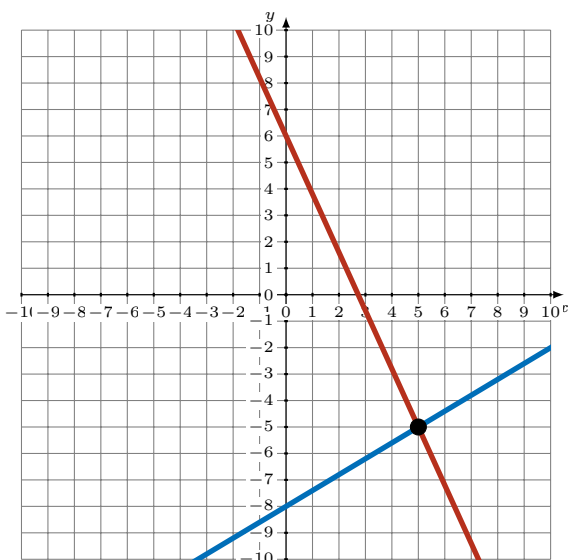
Graph each system and identify its solution.

1.  $11x - 8y = -40$   
 $x - 8y = 40$



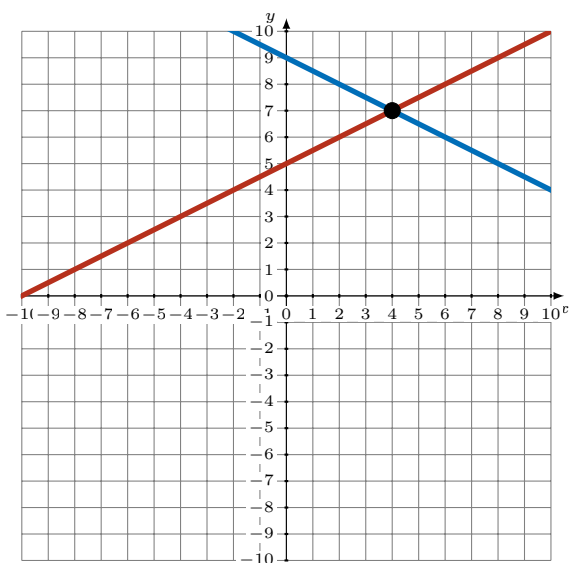
Solution: (-8,-6)

2.  $y = -\frac{11}{5}x + 6$   
 $3x - 5y = 40$



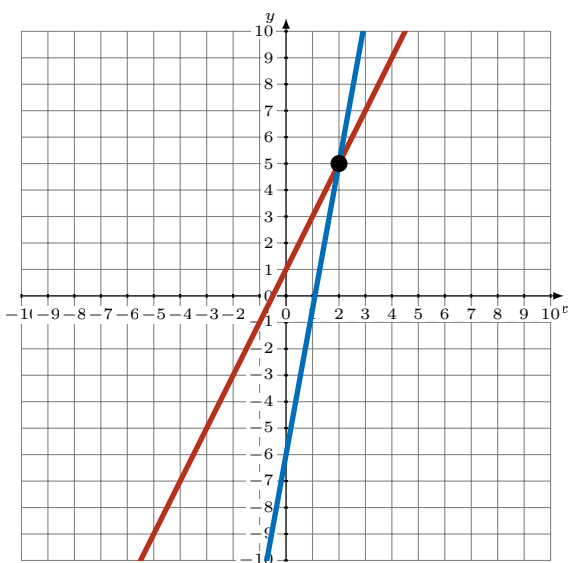
Solution: (5,-5)

3.  $y = \frac{1}{2}x + 5$   
 $x + 2y = 18$



Solution: (4,7)

4.  $y = 2x + 1$   
 $y = \frac{11}{2}x - 6$



Solution: (2,5)