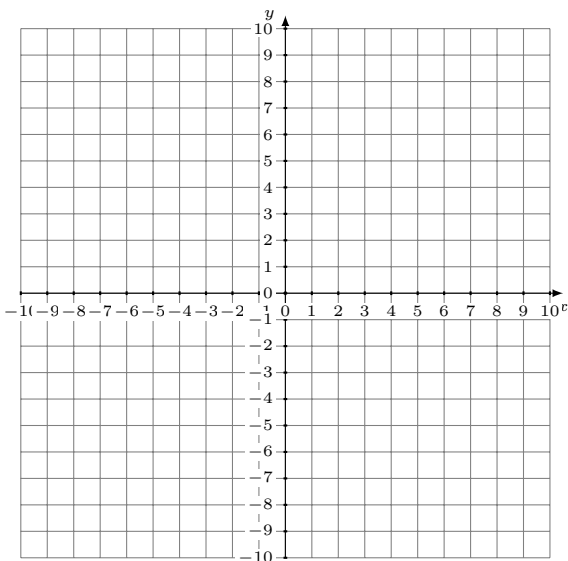


Dependent Linear Systems (A)

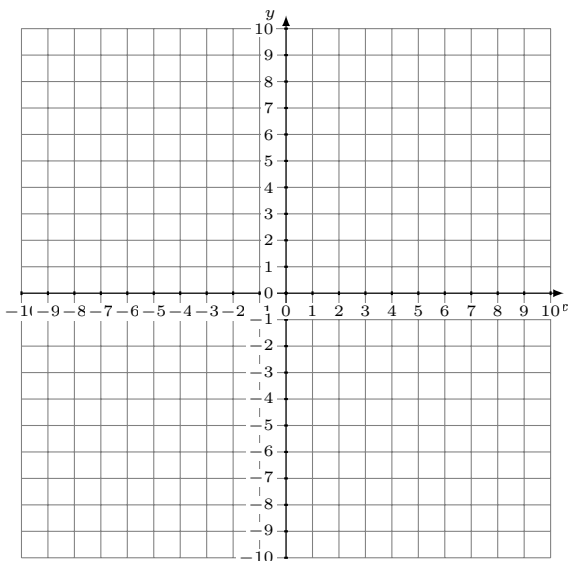
Graph each system and identify the dependent system.

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



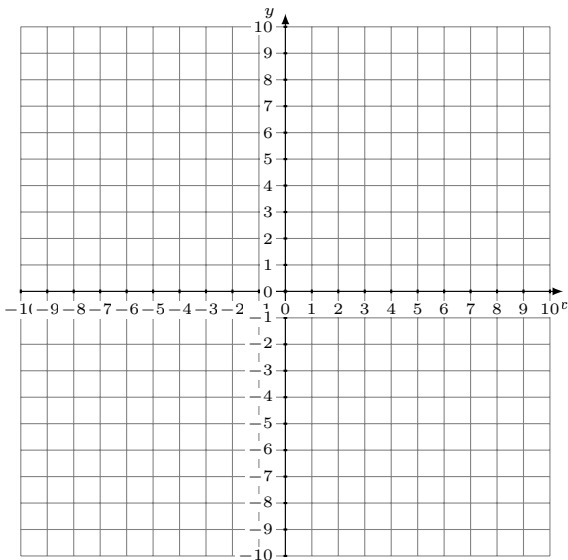
Solution: (----,----)

2. $y = -9x$
 $9x + y = 0$



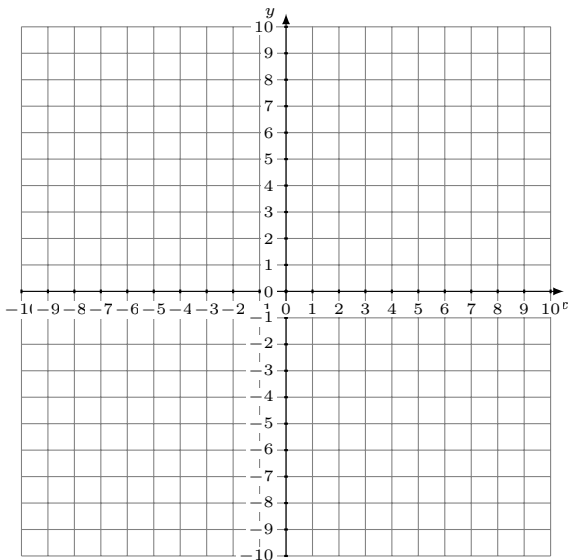
Solution: (----,----)

3. $16x - 5y = 40$
 $y = \frac{6}{5}x + 2$



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

4. $y = \frac{5}{4}x - 2$
 $7x - 2y = -14$

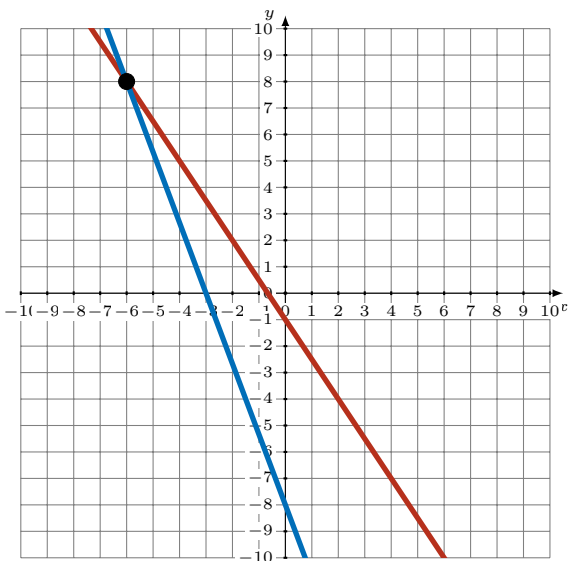


Solution: (----,----)

Dependent Linear Systems (A) Answers

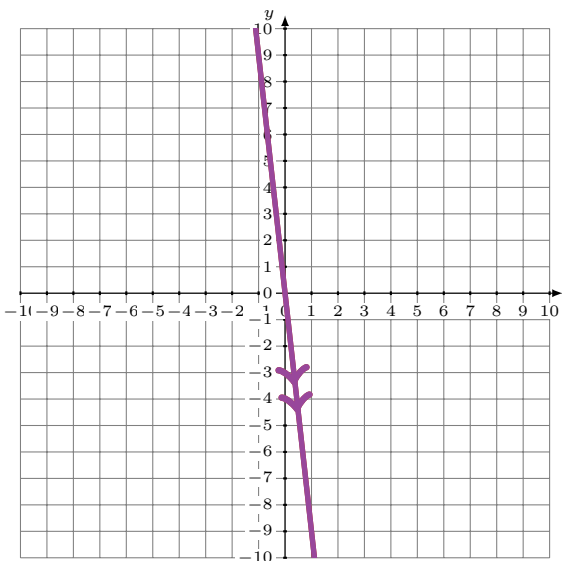
Graph each system and identify the dependent system.

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



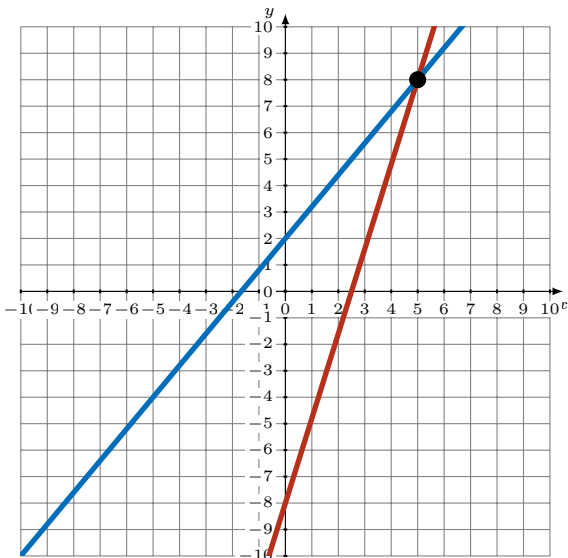
Solution: $(-6, 8)$

2. $y = -9x$
 $9x + y = 0$



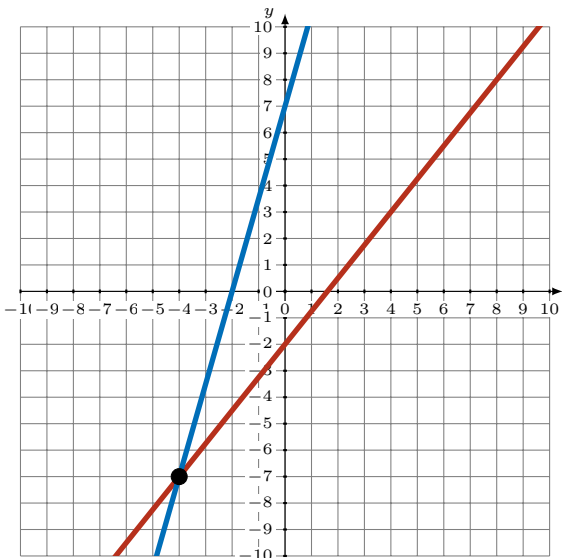
Solution: Infinite Solutions (Dependent)

3. $16x - 5y = 40$
 $y = \frac{6}{5}x + 2$



Solution: $(5, 8)$

4. $y = \frac{5}{4}x - 2$
 $7x - 2y = -14$

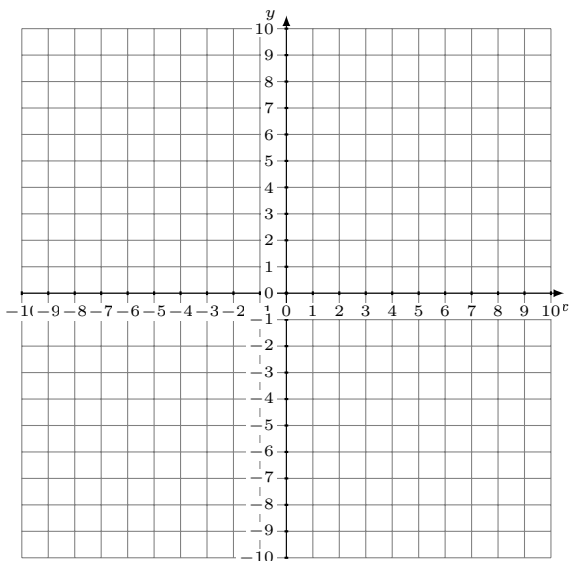


Solution: $(-4, -7)$

Dependent Linear Systems (B)

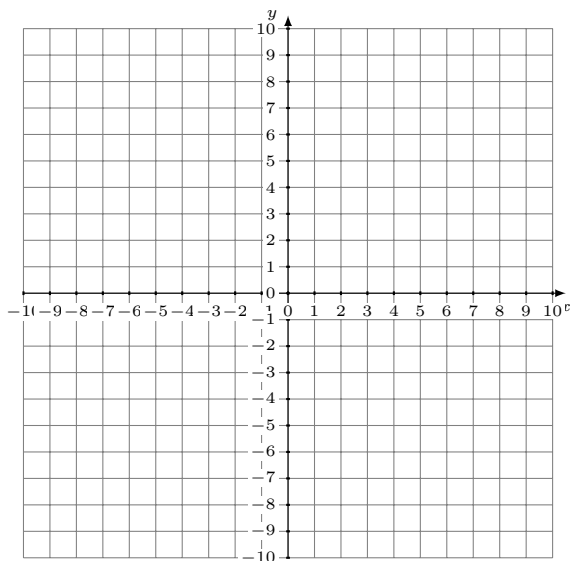
Graph each system and identify the dependent system.

1. $2x - 3y = 15$
 $y = -\frac{4}{3}x + 1$



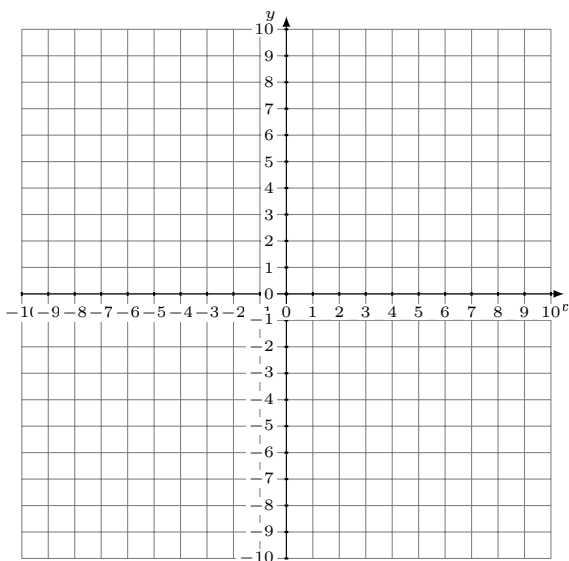
Solution: (----,----)

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



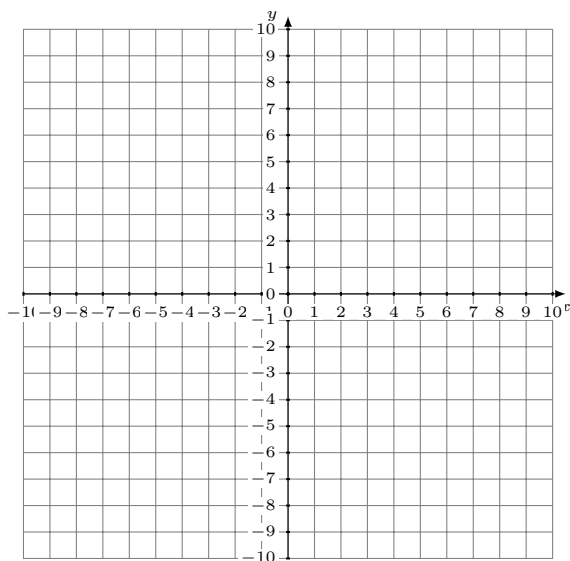
Solution: (----,----)

3. $y = 5x + 2$
 $4x + y = -7$



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

4. $y = -7x - 1$
 $15x + y = 7$

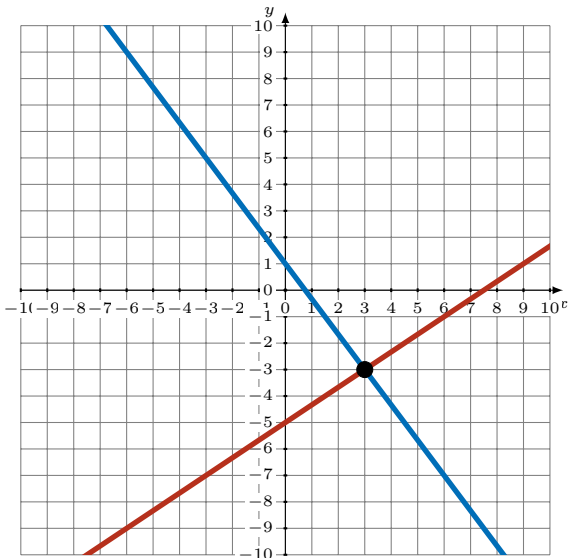


Solution: (----,----)

Dependent Linear Systems (B) Answers

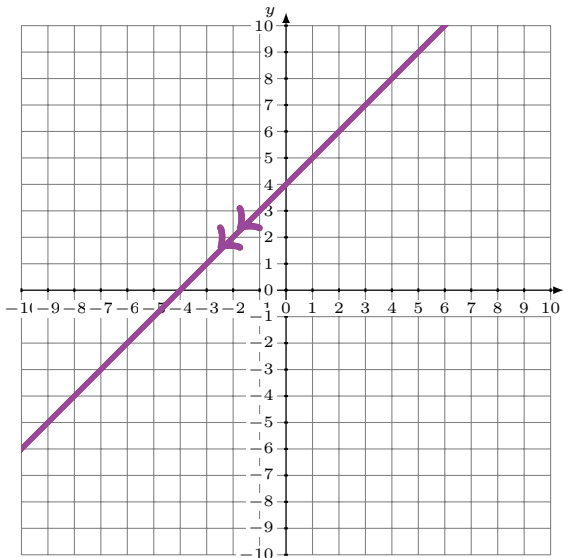
Graph each system and identify the dependent system.

1. $2x - 3y = 15$
 $y = -\frac{4}{3}x + 1$



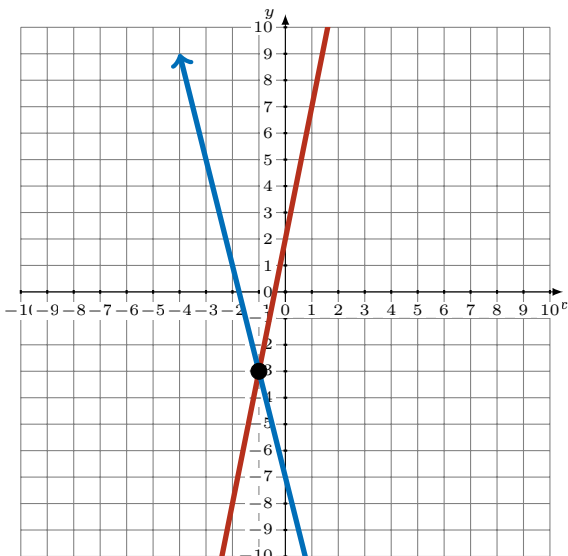
Solution: (3,-3)

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



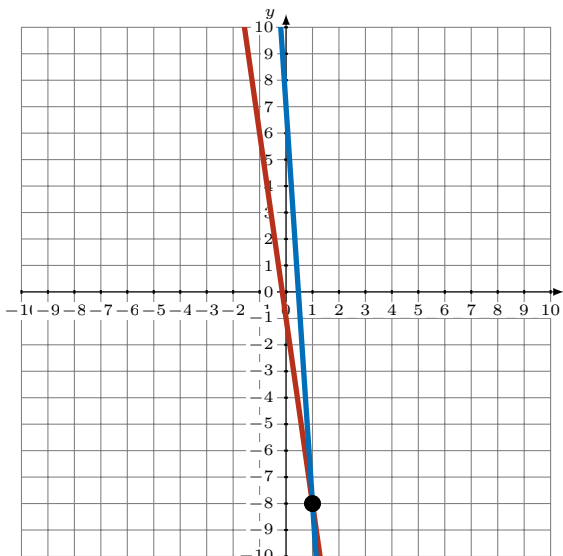
Solution: Infinite Solutions (Dependent)

3. $y = 5x + 2$
 $4x + y = -7$



Solution: (-1,-3)

4. $y = -7x - 1$
 $15x + y = 7$

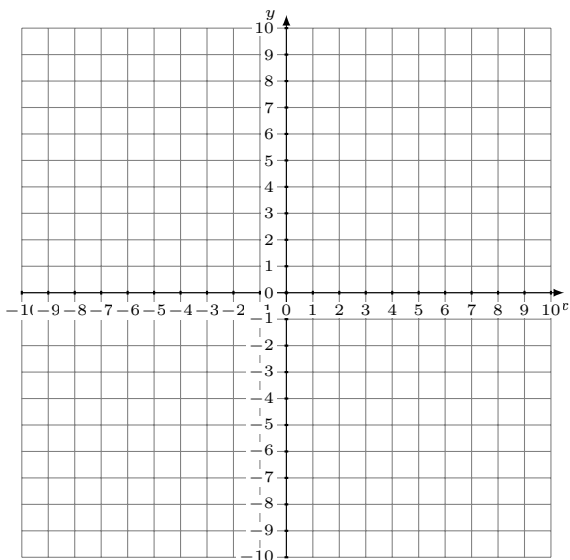


Solution: (1,-8)

Dependent Linear Systems (C)

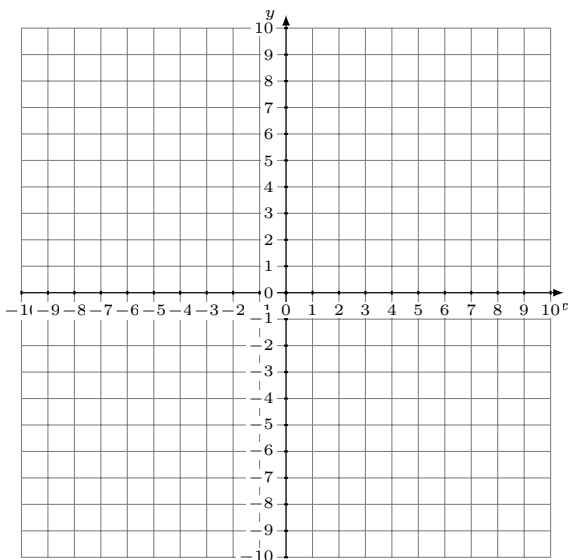
Graph each system and identify the dependent system.

1. $7x - 3y = 6$
 $y = \frac{4}{3}x - 5$



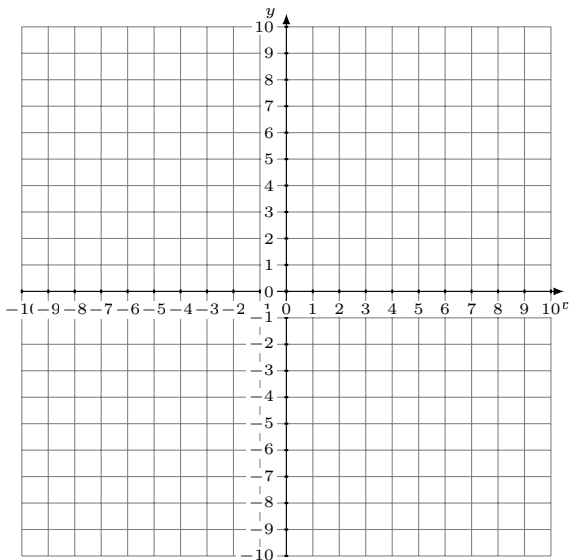
Solution: (----,----)

2. $y = \frac{9}{2}x - 6$
 $9x - 2y = 12$



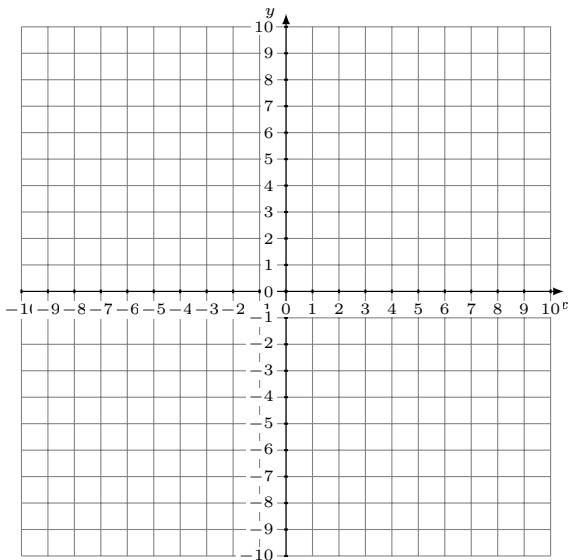
Solution: (----,----)

3. $3x - 2y = -18$
 $y = \frac{11}{8}x + 8$



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

4. $3x + 7y = 28$
 $y = -\frac{1}{7}x + 6$

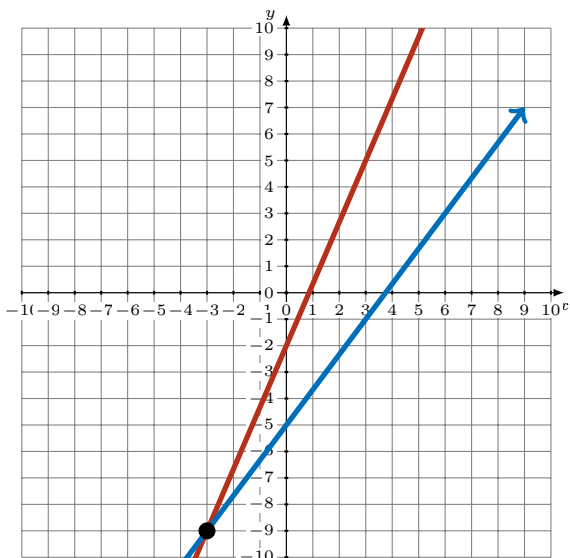


Solution: (----,----)

Dependent Linear Systems (C) Answers

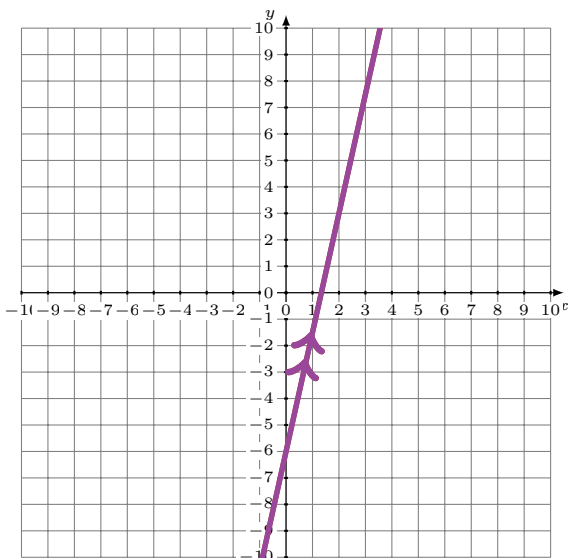
Graph each system and identify the dependent system.

1. $7x - 3y = 6$
 $y = \frac{4}{3}x - 5$



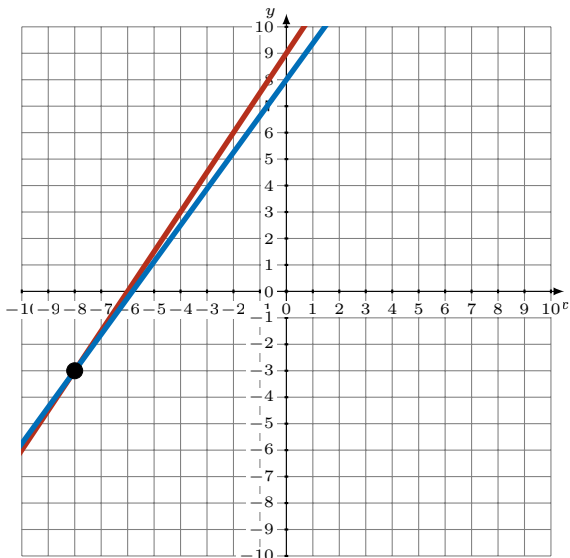
Solution: $(-3, -9)$

2. $y = \frac{9}{2}x - 6$
 $9x - 2y = 12$



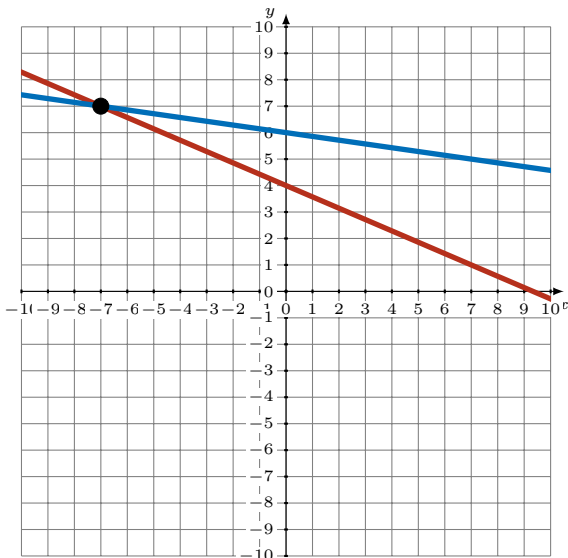
Solution: Infinite Solutions (Dependent)

3. $3x - 2y = -18$
 $y = \frac{11}{8}x + 8$



Solution: $(-8, -3)$

4. $3x + 7y = 28$
 $y = -\frac{1}{7}x + 6$

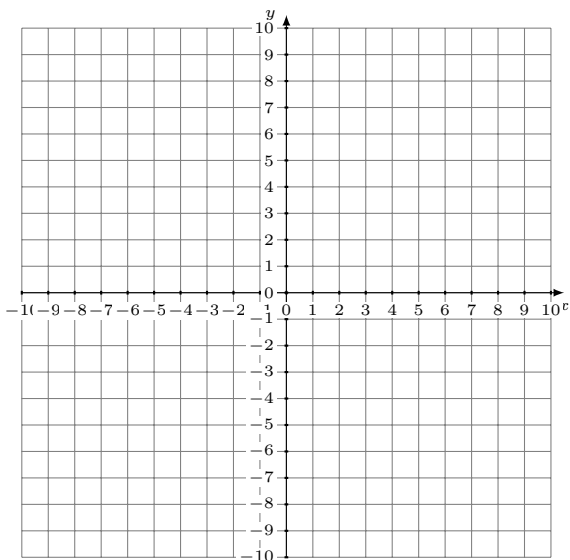


Solution: $(-7, 7)$

Dependent Linear Systems (D)

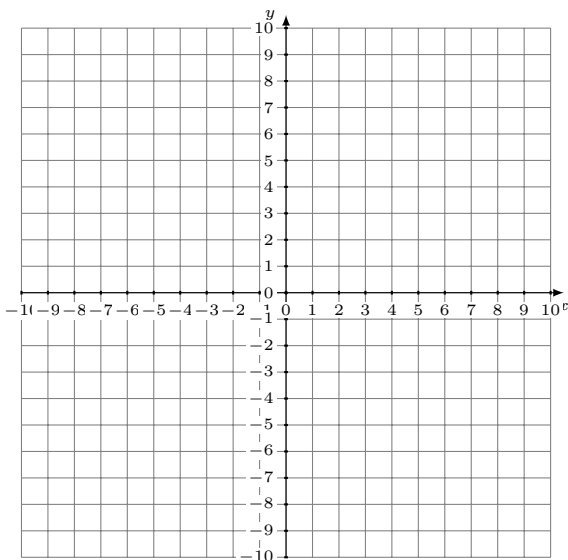
Graph each system and identify the dependent system.

1.
$$y = -\frac{5}{4}x - 1$$
$$x + 8y = 64$$



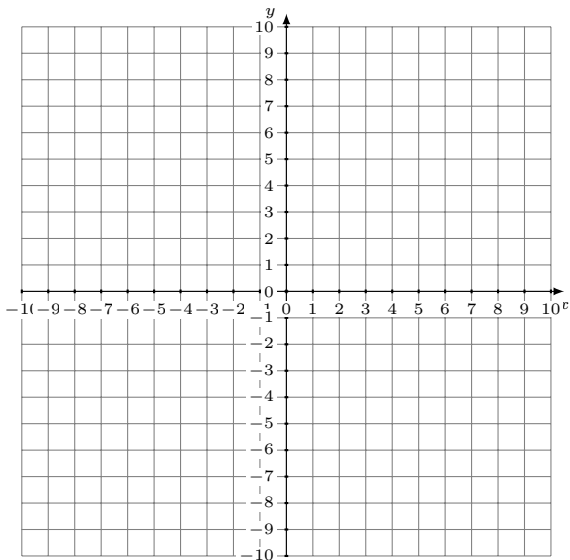
Solution: (----,----)

2.
$$y = \frac{2}{7}x + 6$$
$$2x - 7y = -42$$



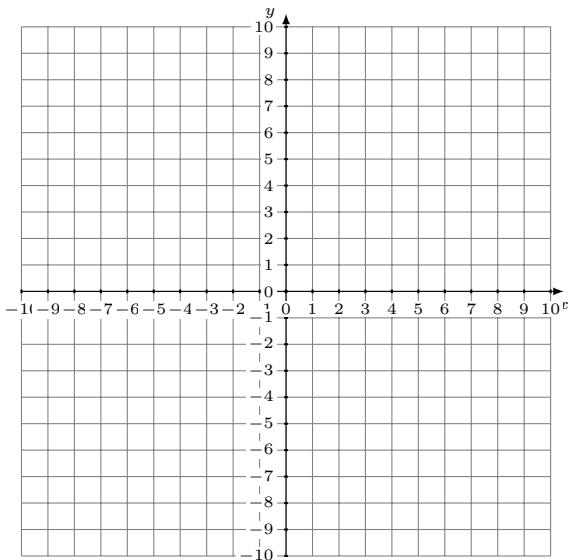
Solution: (----,----)

3.
$$y = -\frac{9}{2}x - 6$$
$$2x + y = -1$$



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

4.
$$y = -10x - 3$$
$$2x + y = 5$$

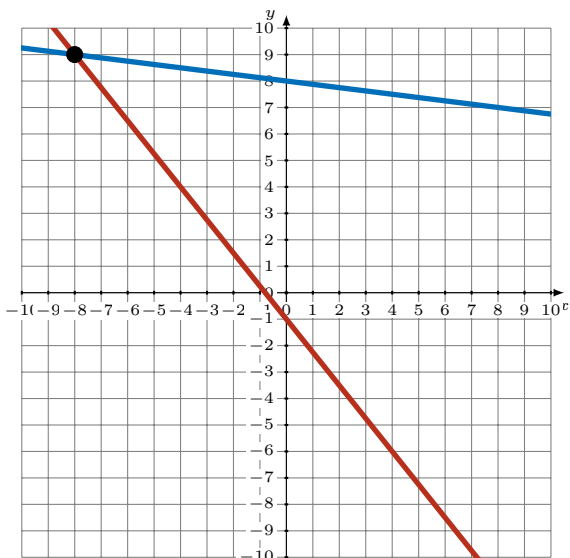


Solution: (----,----)

Dependent Linear Systems (D) Answers

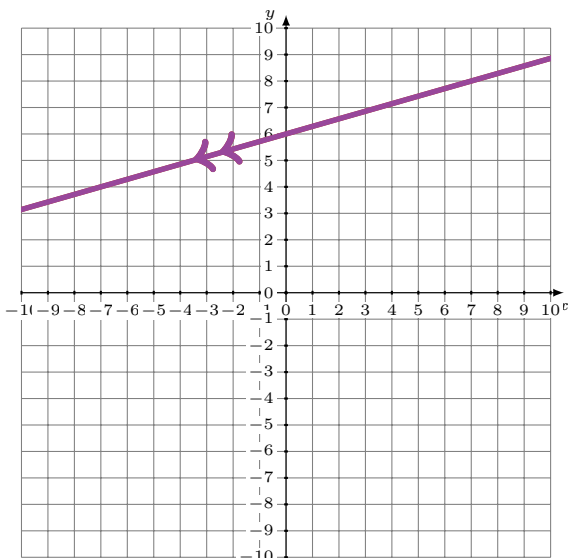
Graph each system and identify the dependent system.

1. $y = -\frac{5}{4}x - 1$
 $x + 8y = 64$



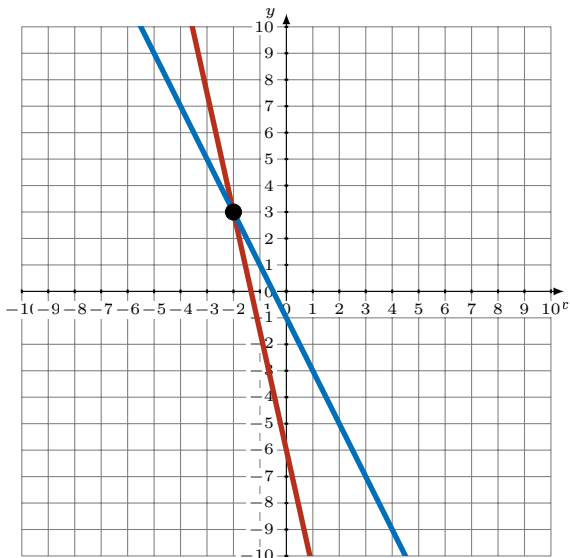
Solution: (-8,9)

2. $y = \frac{2}{7}x + 6$
 $2x - 7y = -42$



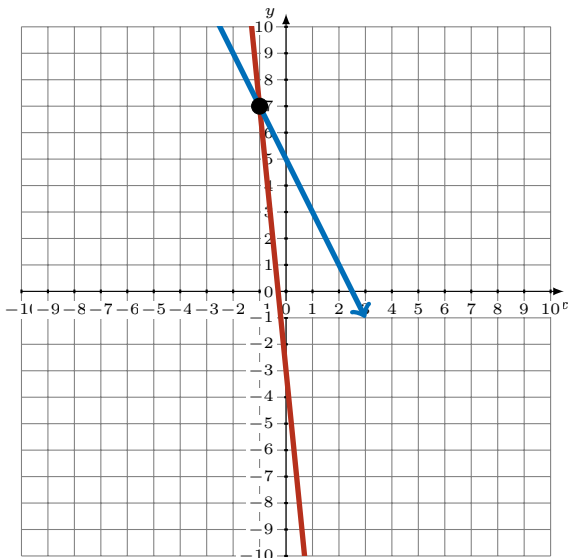
Solution: Infinite Solutions (Dependent)

3. $y = -\frac{9}{2}x - 6$
 $2x + y = -1$



Solution: (-2,3)

4. $y = -10x - 3$
 $2x + y = 5$

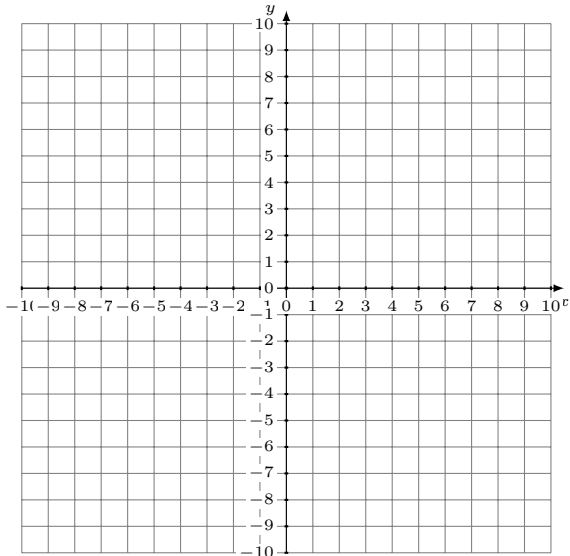


Solution: (-1,7)

Dependent Linear Systems (E)

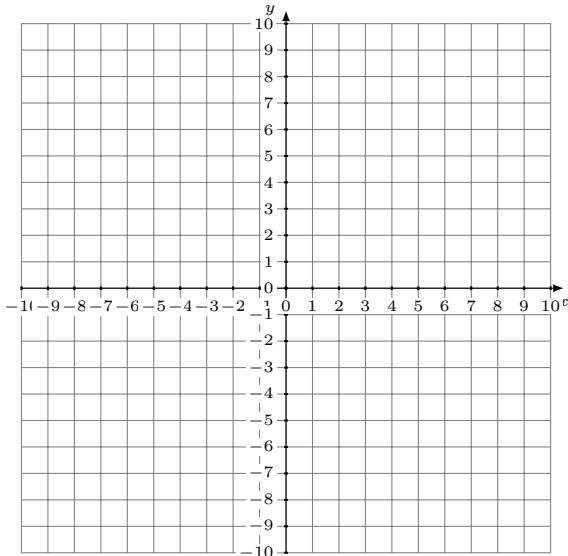
Graph each system and identify the dependent system.

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



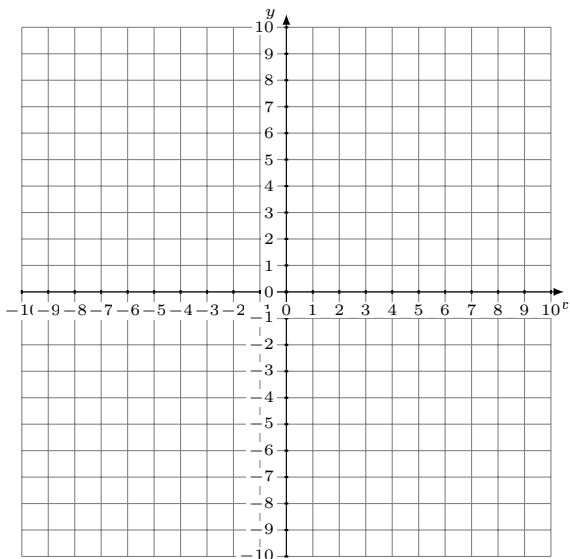
Solution: (----,----)

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



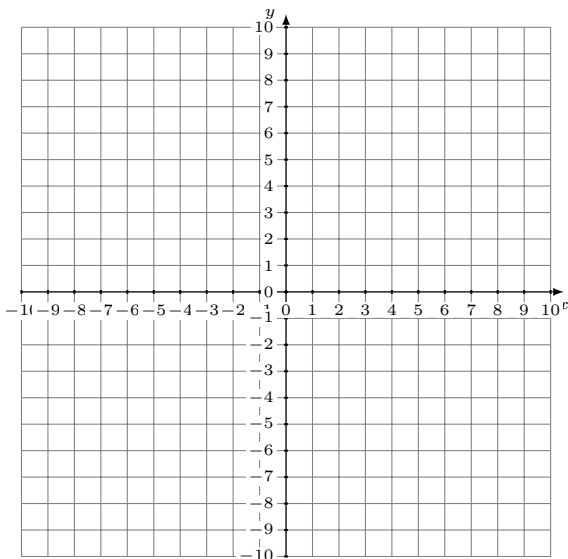
Solution: (----,----)

3. $7x - y = -9$
 $y = -2x$



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

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

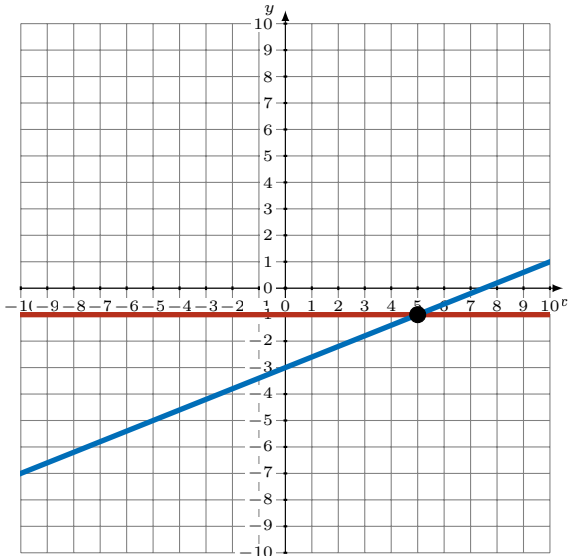


Solution: (----,----)

Dependent Linear Systems (E) Answers

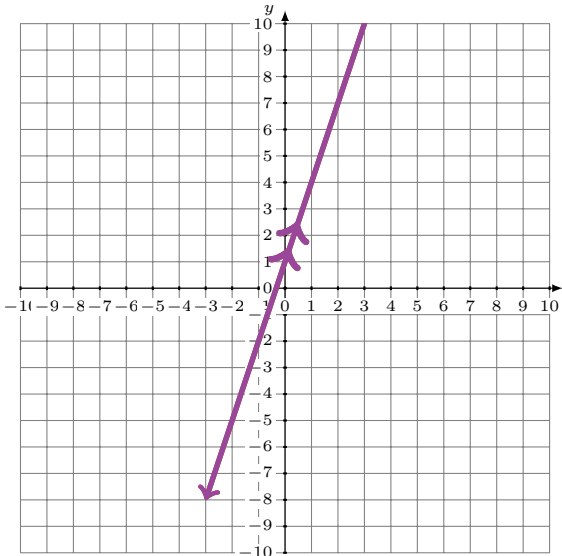
Graph each system and identify the dependent system.

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



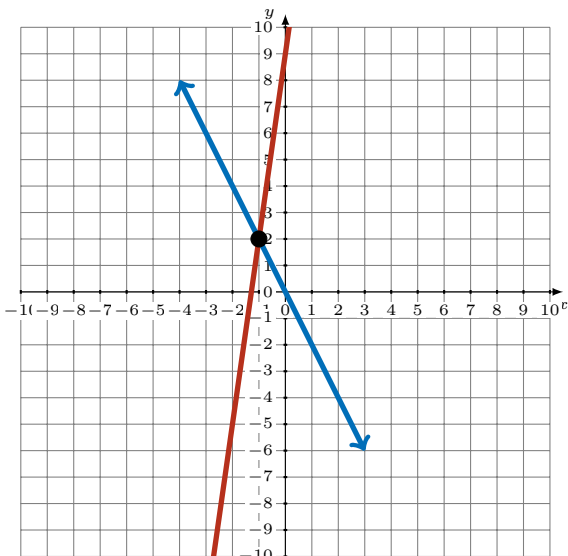
Solution: (5,-1)

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



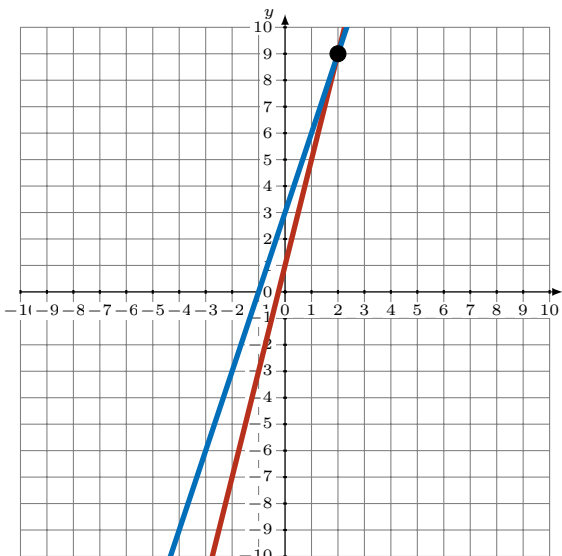
Solution: Infinite Solutions (Dependent)

3. $7x - y = -9$
 $y = -2x$



Solution: (-1,2)

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

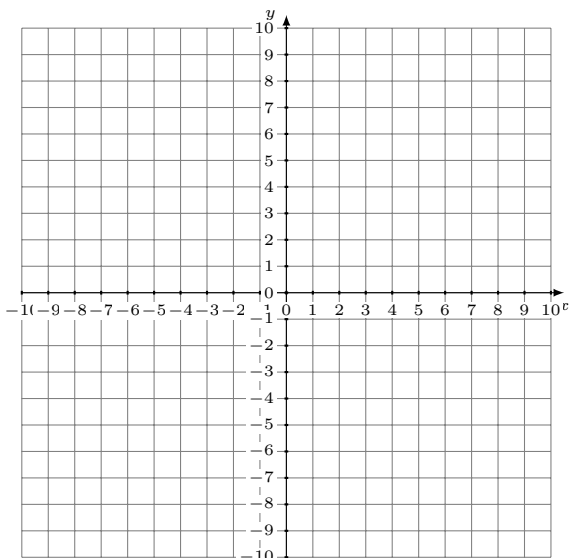


Solution: (2,9)

Dependent Linear Systems (F)

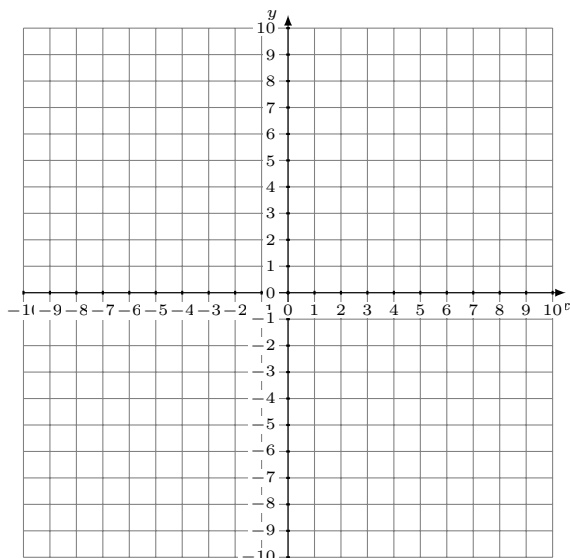
Graph each system and identify the dependent system.

1.
$$y = \frac{9}{8}x + 7$$
$$x + 8y = -24$$



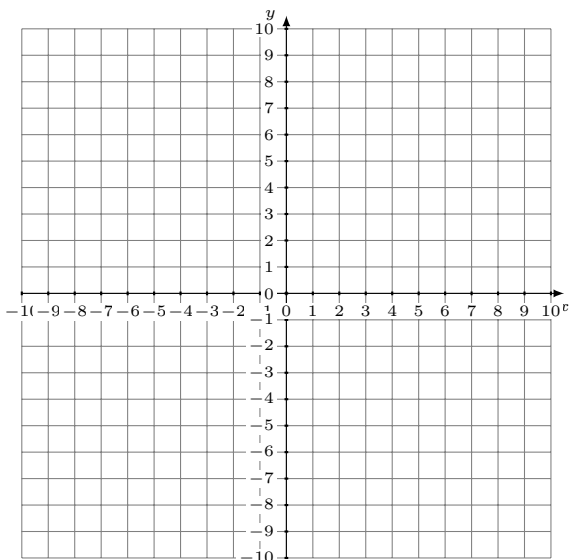
Solution: (____,____)

2.
$$3x - y = 0$$
$$y = \frac{4}{3}x - 5$$



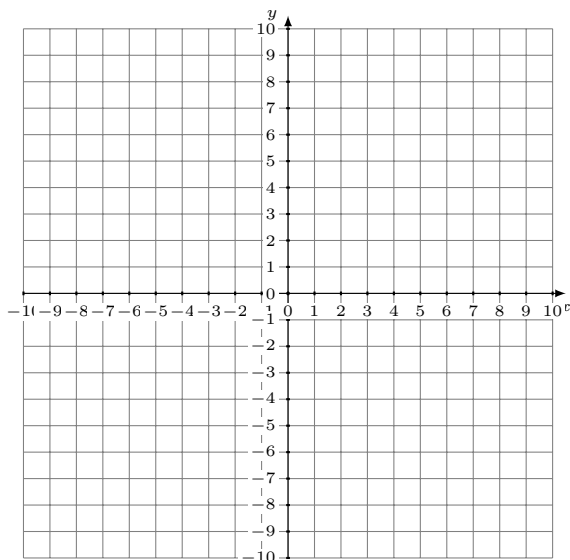
Solution: (____,____)

3.
$$3x + 8y = 32$$
$$y = \frac{3}{8}x - 2$$



Solution: (____,____)

4.
$$x - y = -8$$
$$y = x + 8$$

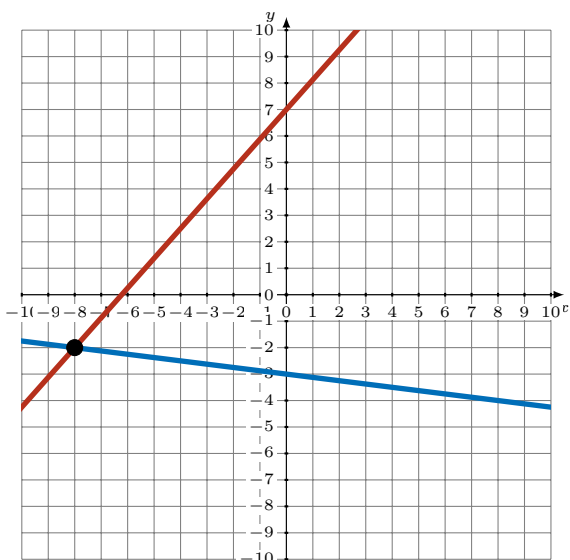


Solution: (____,____)

Dependent Linear Systems (F) Answers

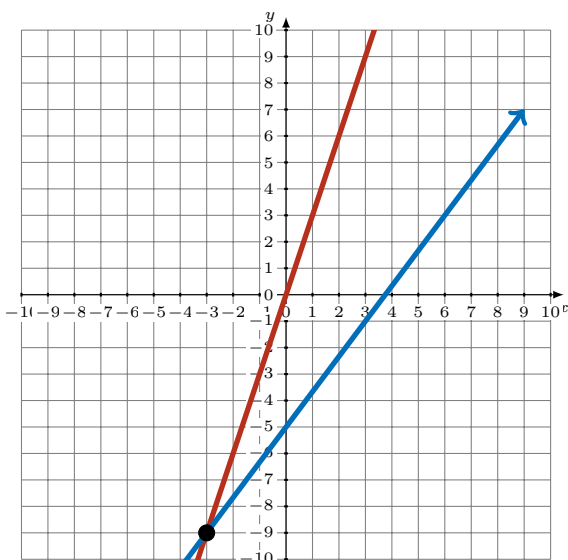
Graph each system and identify the dependent system.

1. $y = \frac{9}{8}x + 7$
 $x + 8y = -24$



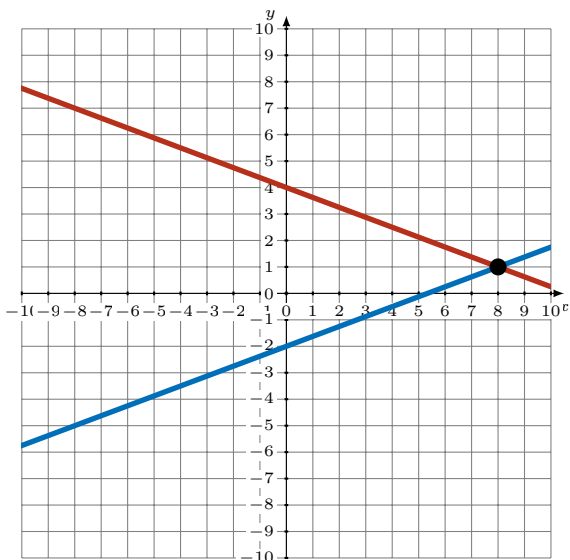
Solution: $(-8, -2)$

2. $3x - y = 0$
 $y = \frac{4}{3}x - 5$



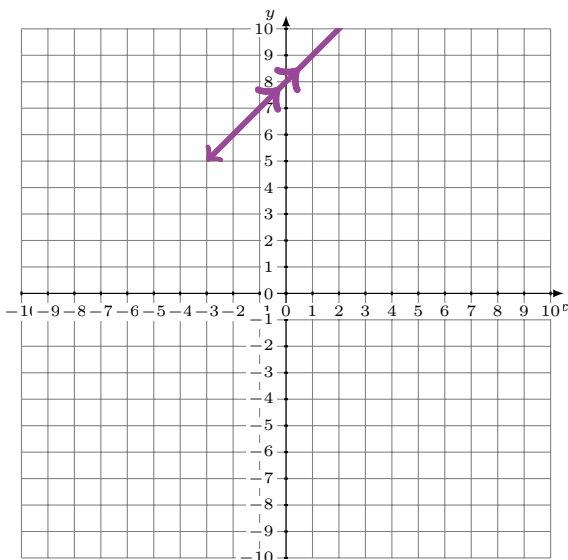
Solution: $(-3, -9)$

3. $3x + 8y = 32$
 $y = \frac{3}{8}x - 2$



Solution: $(8, 1)$

4. $x - y = -8$
 $y = x + 8$

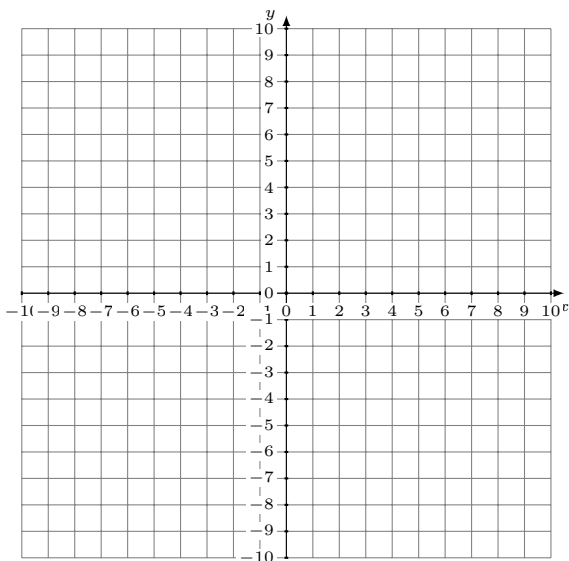


Solution: Infinite Solutions (Dependent)

Dependent Linear Systems (G)

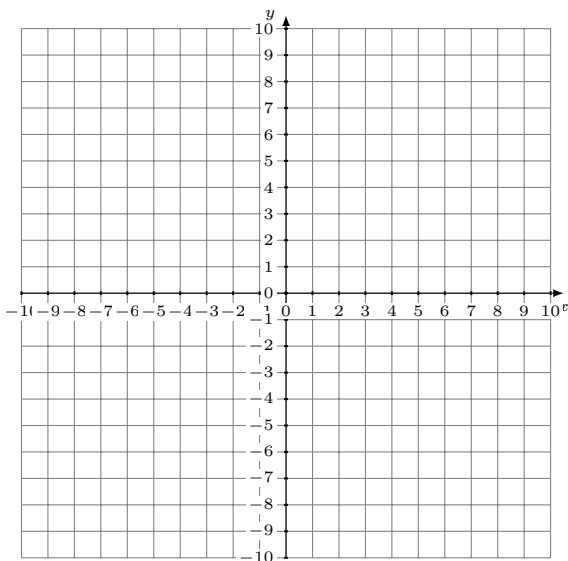
Graph each system and identify the dependent system.

1. $y = -1$
 $5x + 9y = -54$



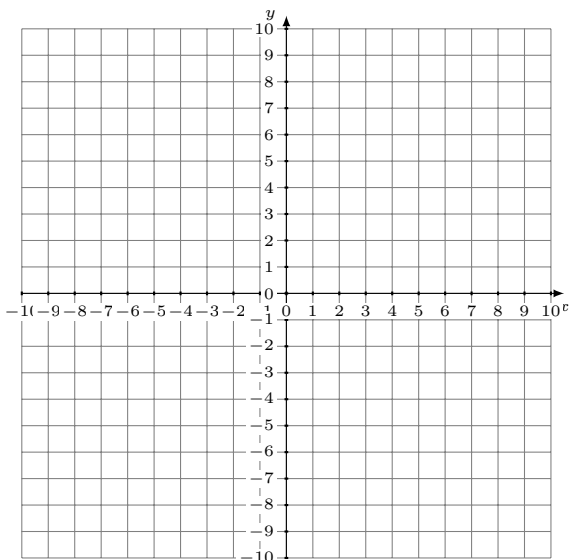
Solution: (----,----)

2. $y = -x - 9$
 $16x - y = -8$



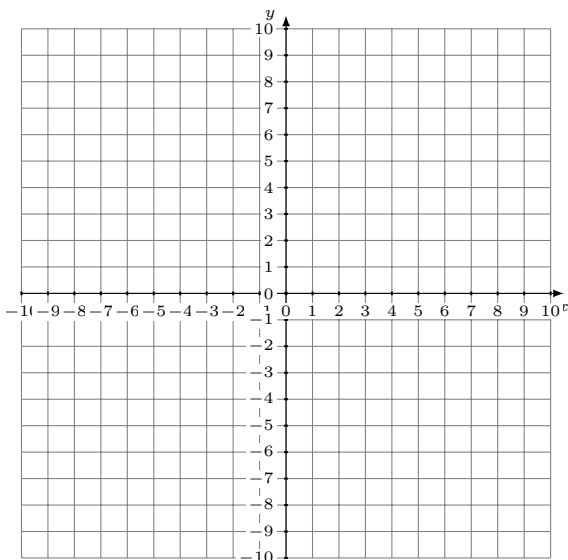
Solution: (----,----)

3. $y = \frac{8}{7}x + 3$
 $8x - 7y = -21$



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

4. $2x + y = 9$
 $y = \frac{1}{8}x - 8$

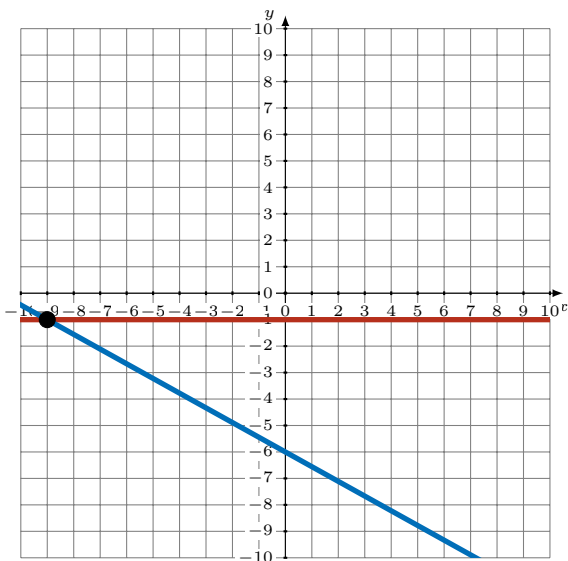


Solution: (----,----)

Dependent Linear Systems (G) Answers

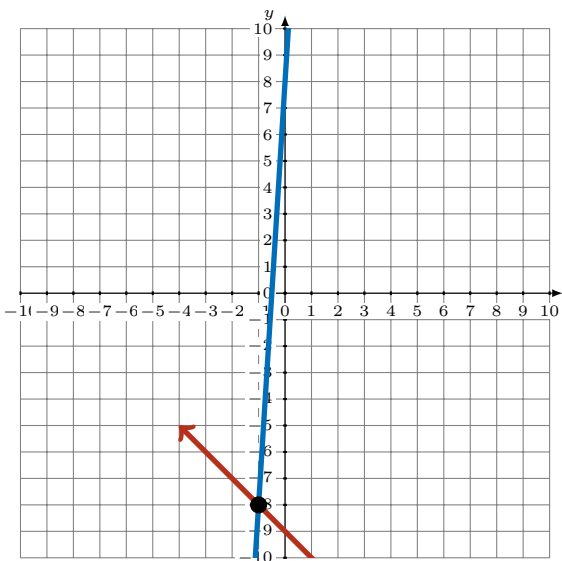
Graph each system and identify the dependent system.

1. $y = -1$
 $5x + 9y = -54$



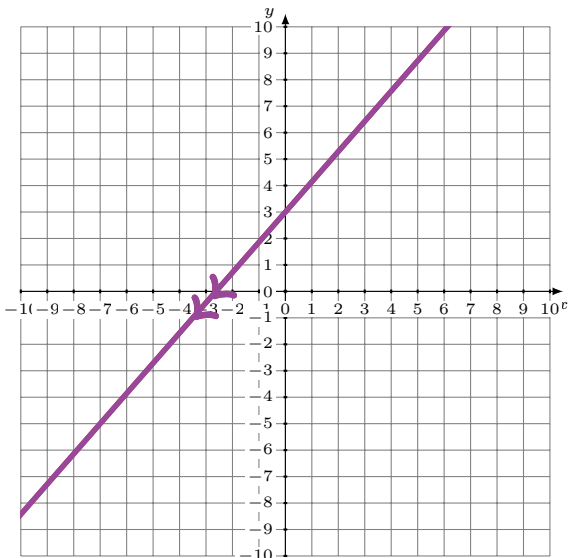
Solution: $(-9, -1)$

2. $y = -x - 9$
 $16x - y = -8$



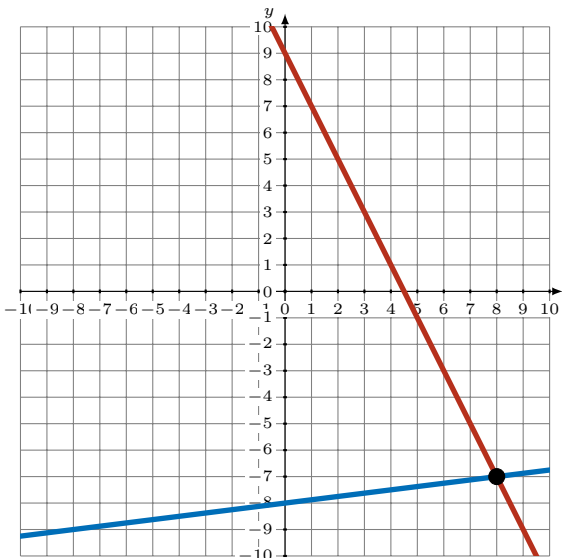
Solution: $(-1, -8)$

3. $y = \frac{8}{7}x + 3$
 $8x - 7y = -21$



Solution: **Infinite Solutions (Dependent)**

4. $2x + y = 9$
 $y = \frac{1}{8}x - 8$

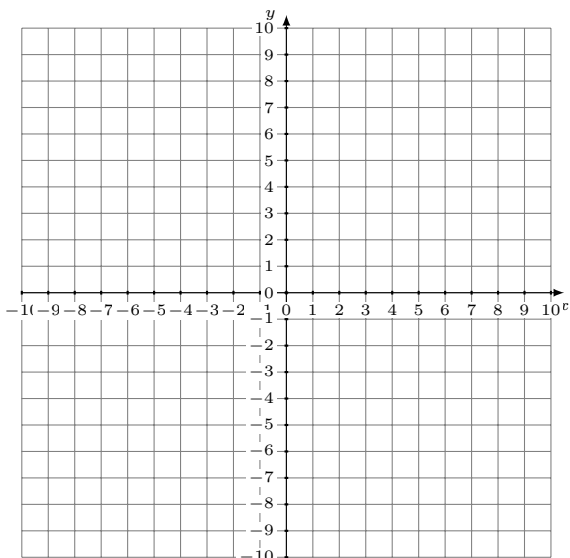


Solution: $(8, -7)$

Dependent Linear Systems (H)

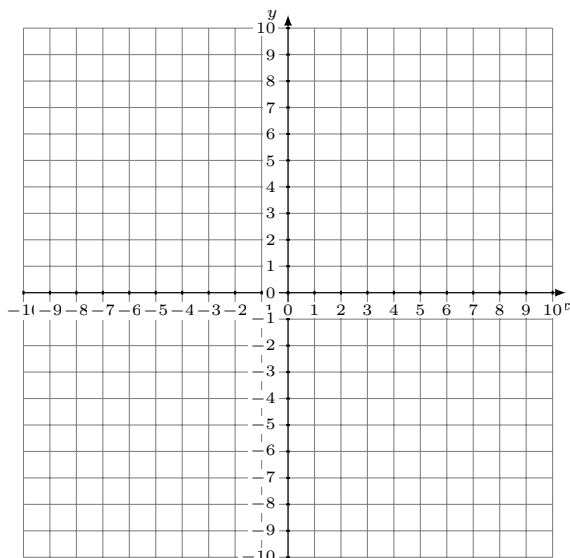
Graph each system and identify the dependent system.

1. $x + y = 3$
 $y = 11x - 9$



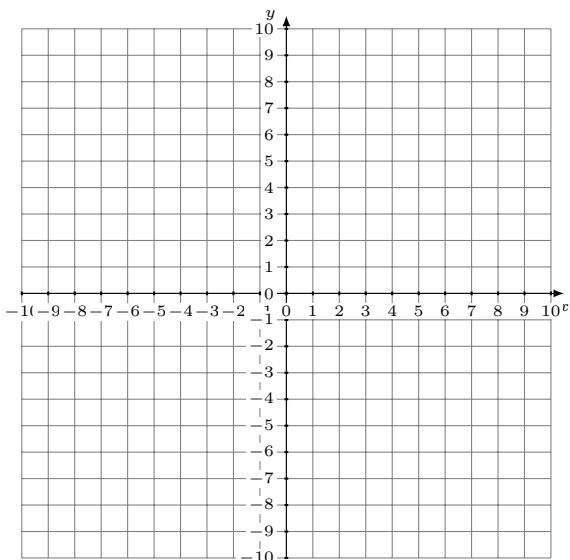
Solution: (----,----)

2. $y = -\frac{11}{7}x + 9$
 $4x + 7y = 14$



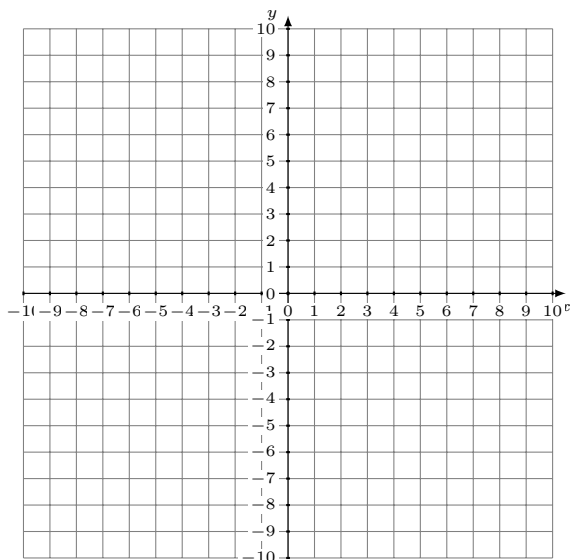
Solution: (----,----)

3. $x + 6y = 0$
 $y = -\frac{7}{6}x + 6$



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

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

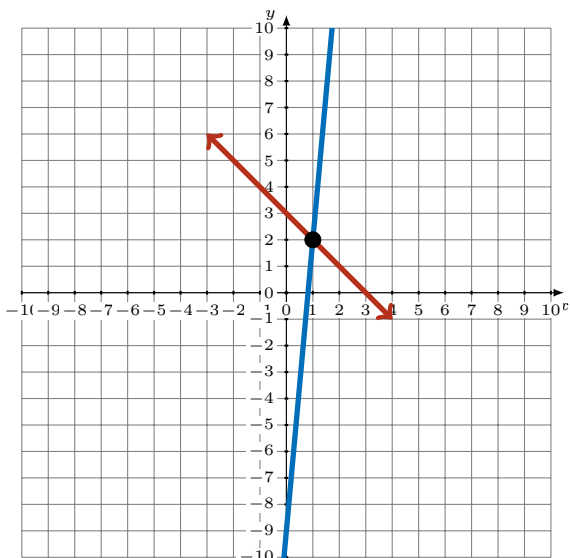


Solution: (----,----)

Dependent Linear Systems (H) Answers

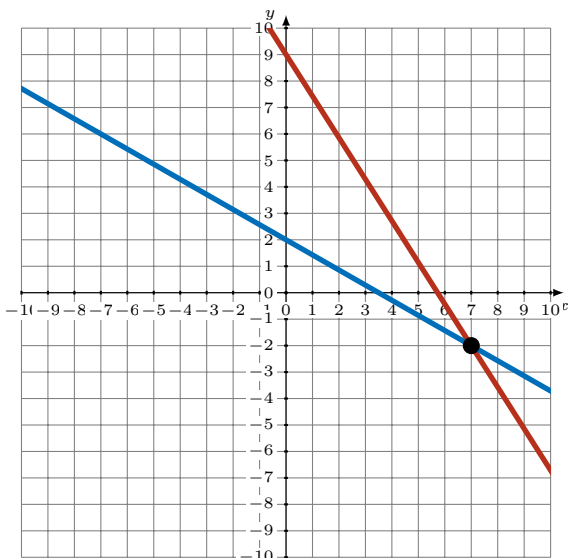
Graph each system and identify the dependent system.

1. $x + y = 3$
 $y = 11x - 9$



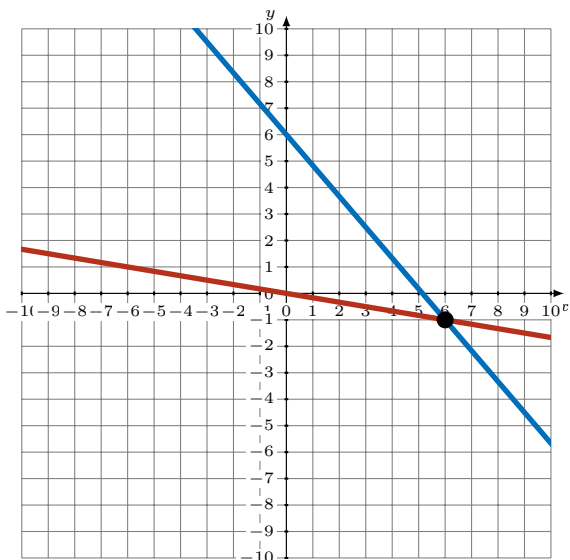
Solution: (1,2)

2. $y = -\frac{11}{7}x + 9$
 $4x + 7y = 14$



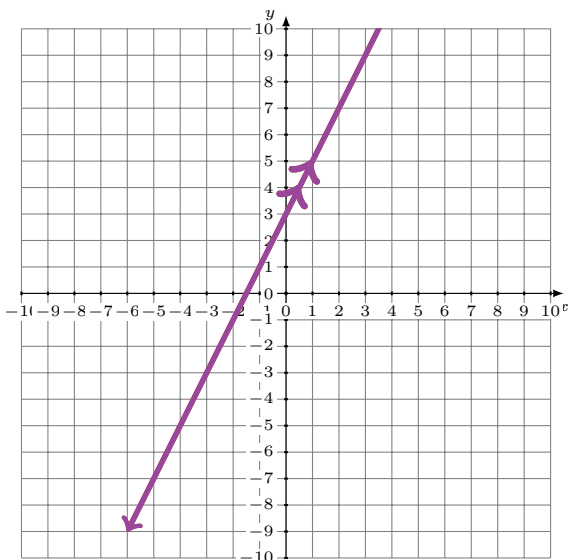
Solution: (7,-2)

3. $x + 6y = 0$
 $y = -\frac{7}{6}x + 6$



Solution: (6,-1)

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



Solution: Infinite Solutions (Dependent)

Dependent Linear Systems (I)

Graph each system and identify the dependent system.

1. $x + 3y = -15$
 $y = -\frac{1}{3}x - 5$



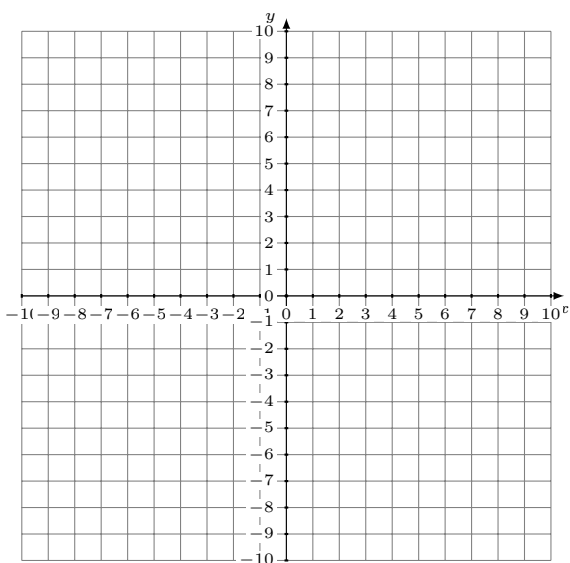
Solution: (----,----)

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



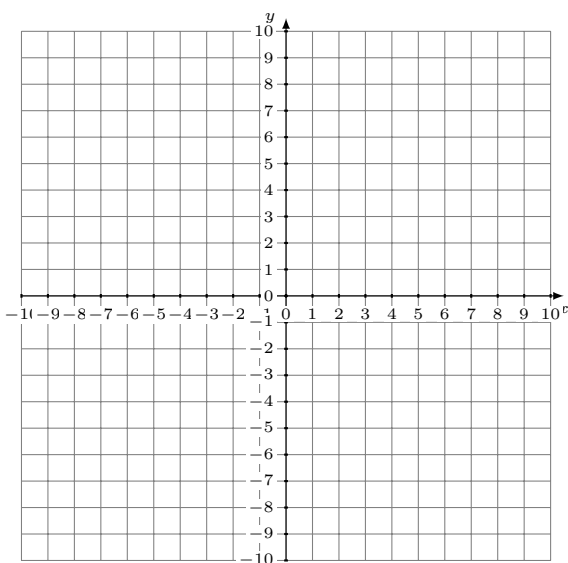
Solution: (----,----)

3. $y = \frac{11}{3}x - 7$
 $y = 4$



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

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

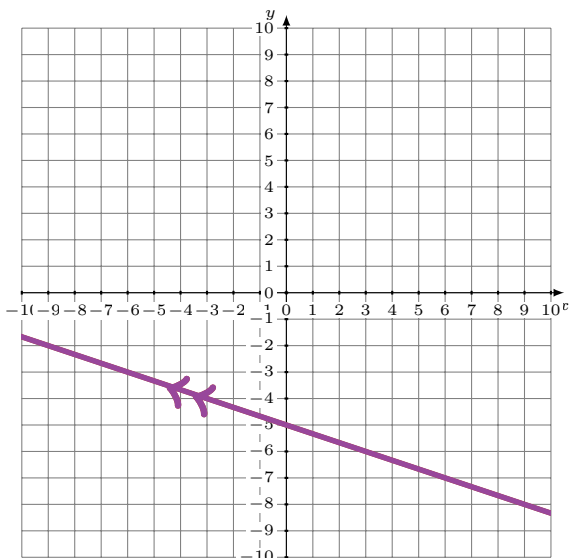


Solution: (----,----)

Dependent Linear Systems (I) Answers

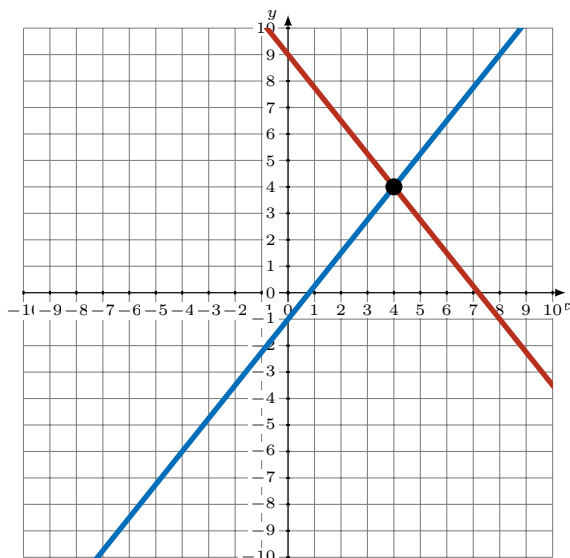
Graph each system and identify the dependent system.

1. $x + 3y = -15$
 $y = -\frac{1}{3}x - 5$



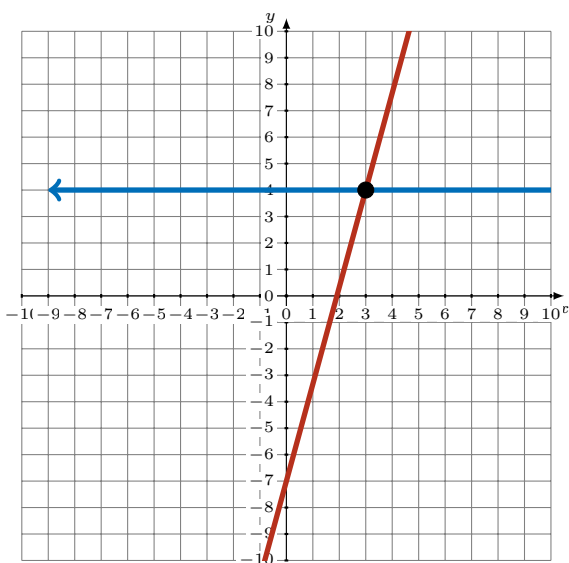
Solution: Infinite Solutions (Dependent)

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



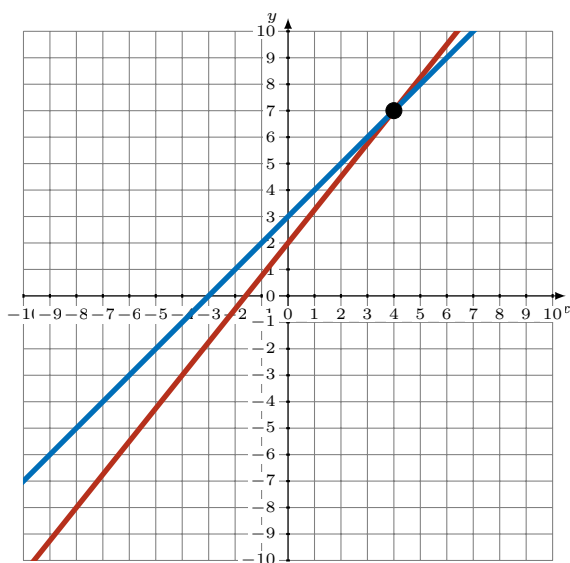
Solution: (4,4)

3. $y = \frac{11}{3}x - 7$
 $y = 4$



Solution: (3,4)

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

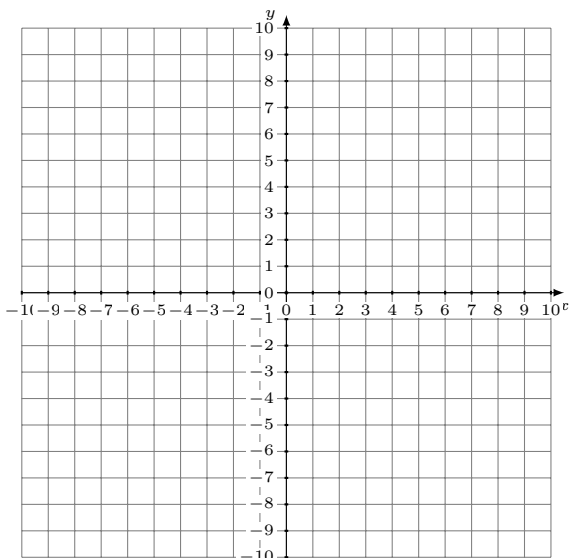


Solution: (4,7)

Dependent Linear Systems (J)

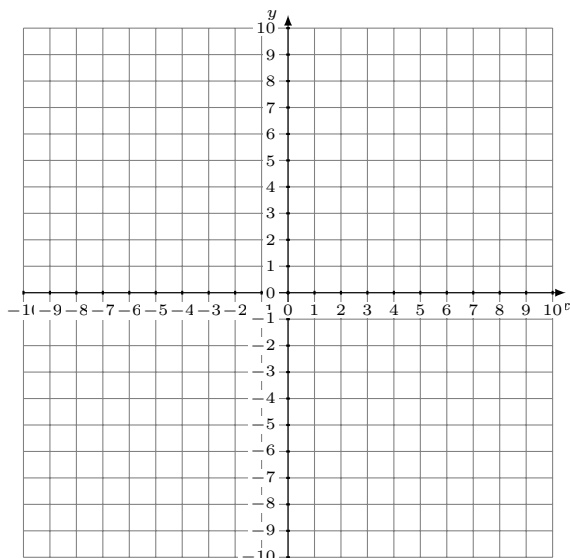
Graph each system and identify the dependent system.

1. $y = \frac{1}{4}x - 1$
 $x + 2y = 10$



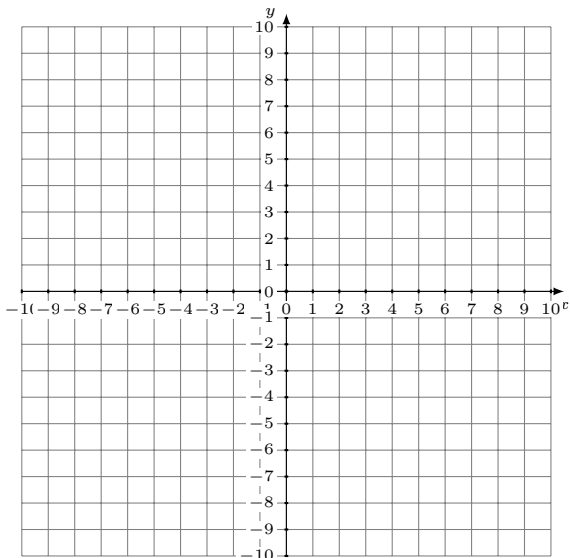
Solution: (----,----)

2. $y = \frac{1}{5}x - 6$
 $x - y = 2$



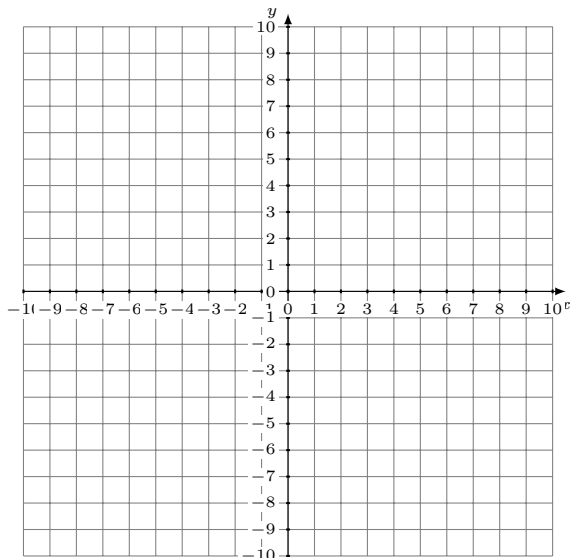
Solution: (----,----)

3. $y = \frac{1}{4}x - 7$
 $x + 2y = -8$



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

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

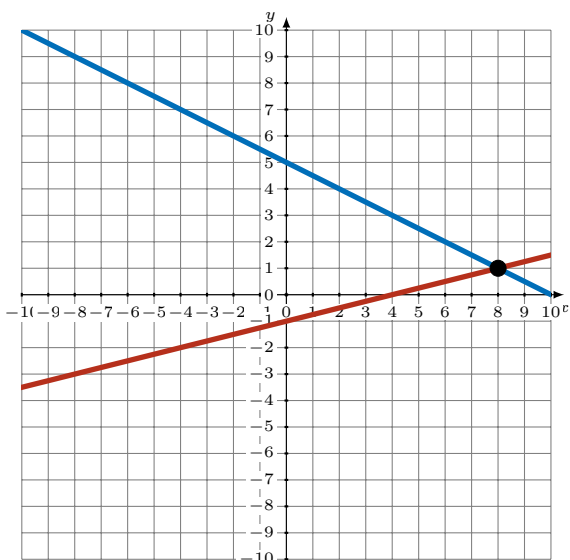


Solution: (----,----)

Dependent Linear Systems (J) Answers

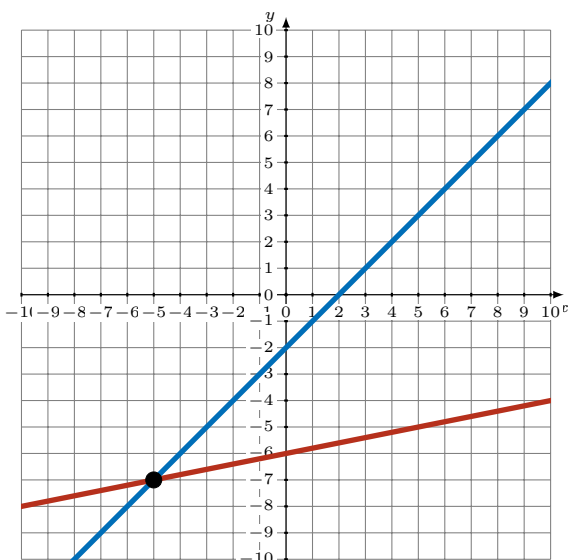
Graph each system and identify the dependent system.

1. $y = \frac{1}{4}x - 1$
 $x + 2y = 10$



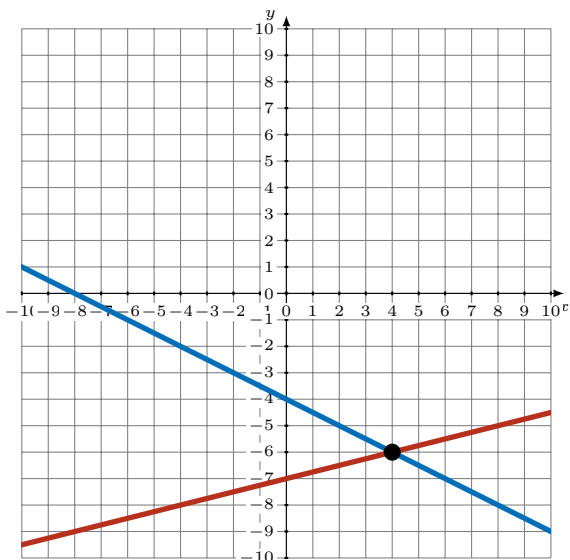
Solution: (8,1)

2. $y = \frac{1}{5}x - 6$
 $x - y = 2$



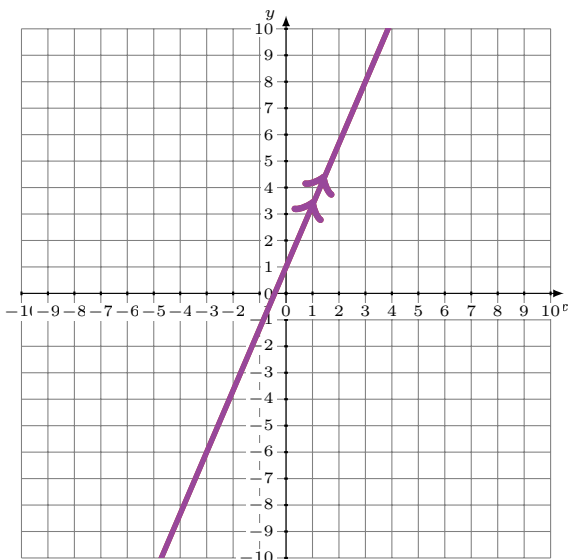
Solution: (-5,-7)

3. $y = \frac{1}{4}x - 7$
 $x + 2y = -8$



Solution: (4,-6)

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



Solution: Infinite Solutions (Dependent)