

Inconsistent Linear Systems (A)

Graph each system and identify the inconsistent system.

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



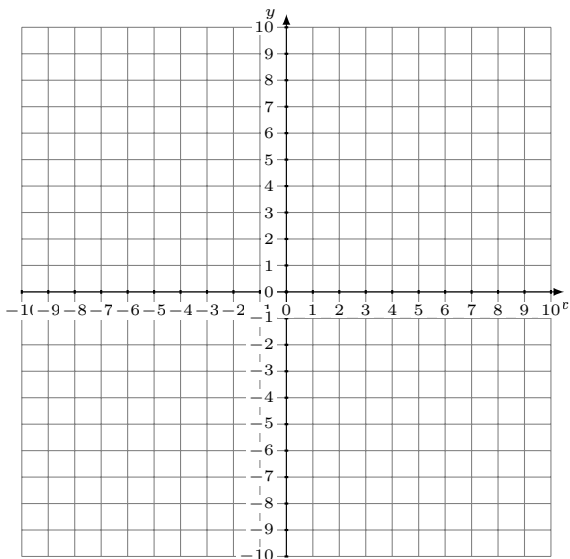
Solution: (----,----)

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



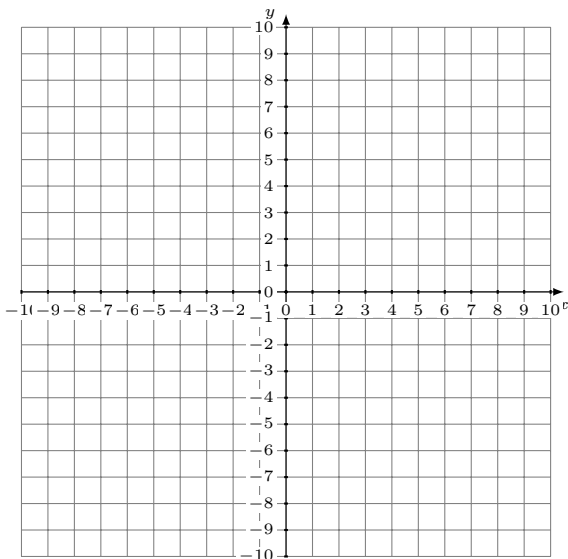
Solution: (----,----)

3. $6x + 7y = 63$
 $y = -\frac{3}{7}x + 6$



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

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

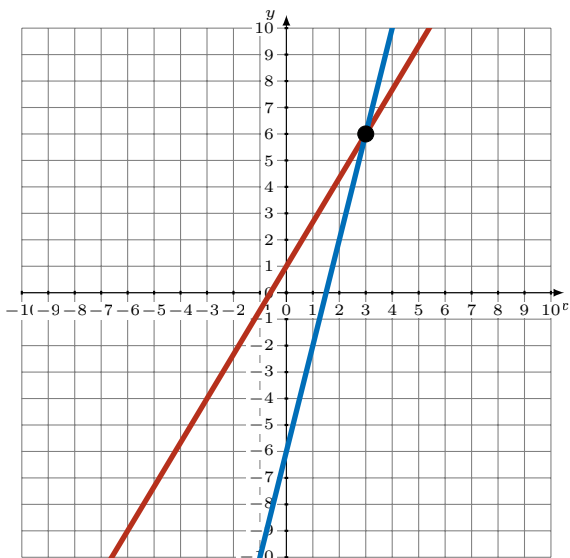


Solution: (----,----)

Inconsistent Linear Systems (A) Answers

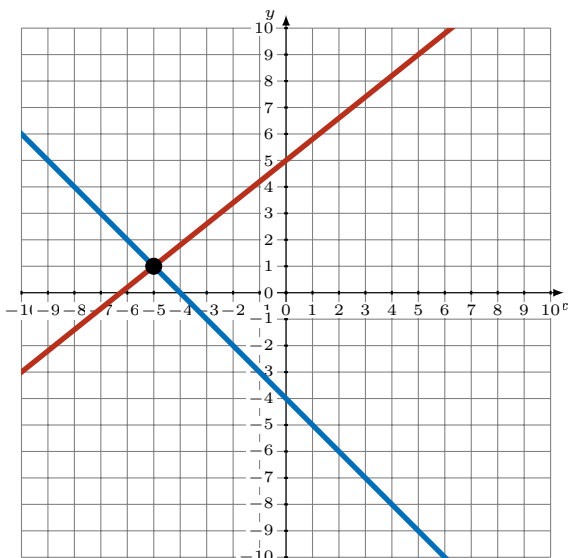
Graph each system and identify the inconsistent system.

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



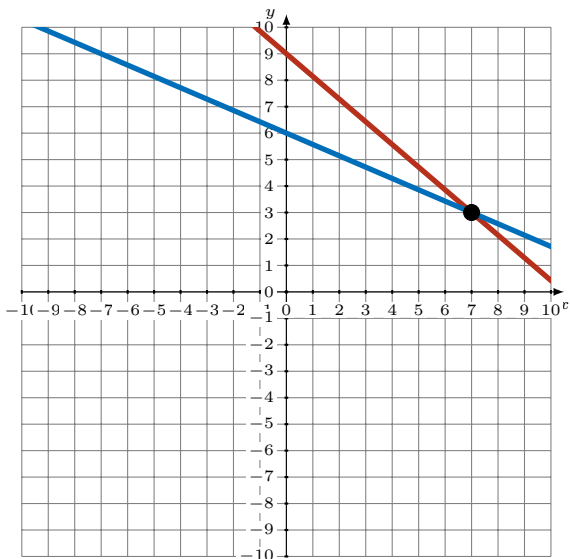
Solution: (3,6)

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



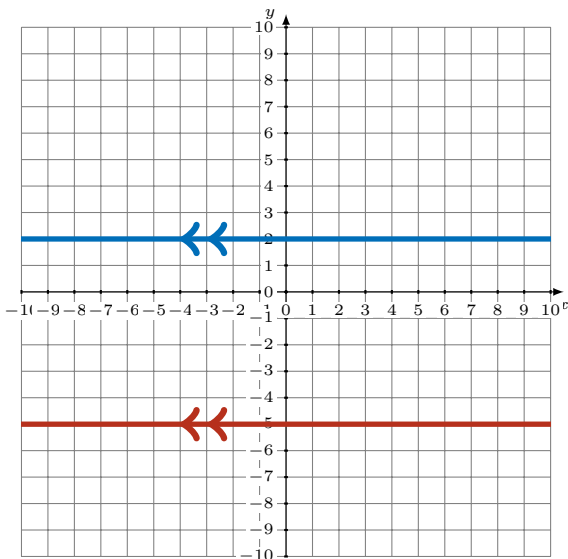
Solution: (-5,1)

3. $6x + 7y = 63$
 $y = -\frac{3}{7}x + 6$



Solution: (7,3)

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



Solution: No Solution (Inconsistent)