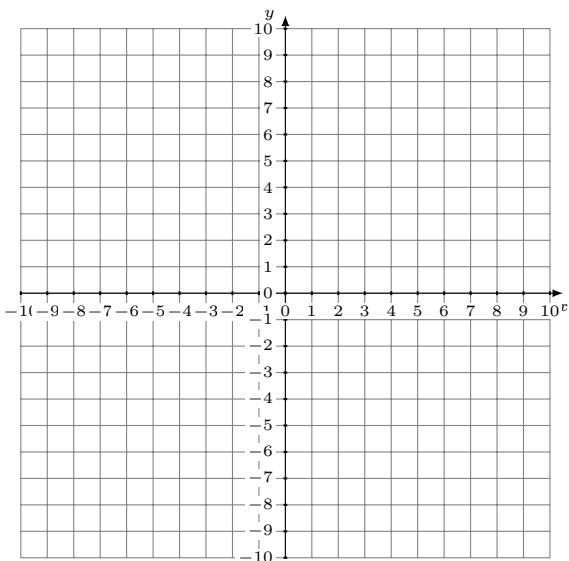


Dependent Linear Systems (A)

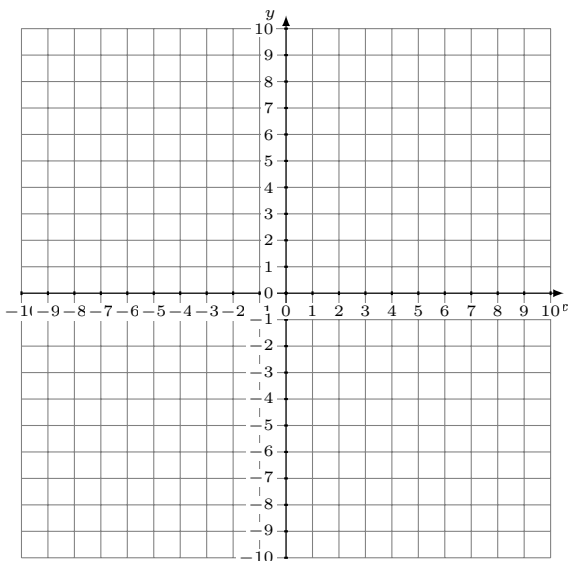
Graph each system and identify the dependent system.

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



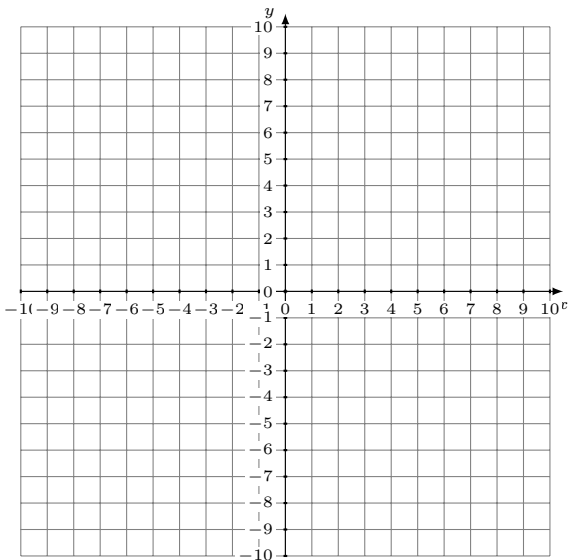
Solution: (----,----)

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



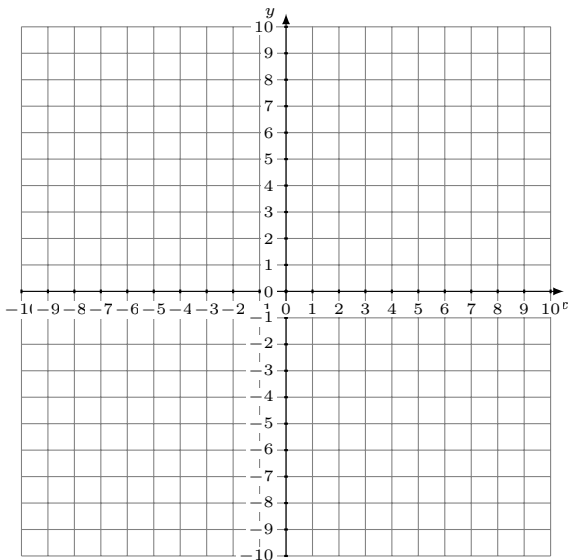
Solution: (----,----)

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



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

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

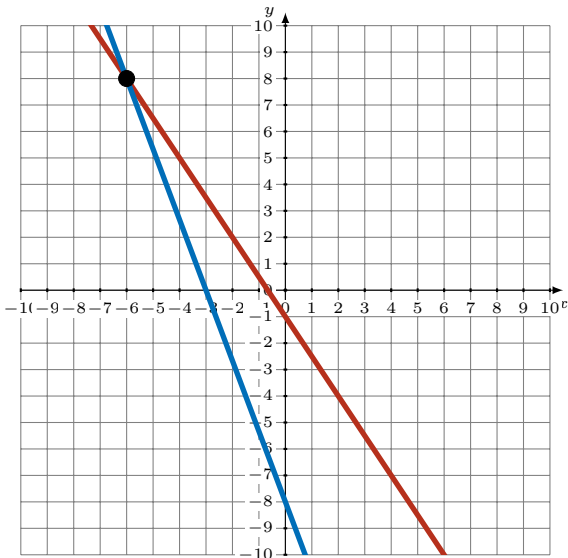


Solution: (----,----)

Dependent Linear Systems (A) Answers

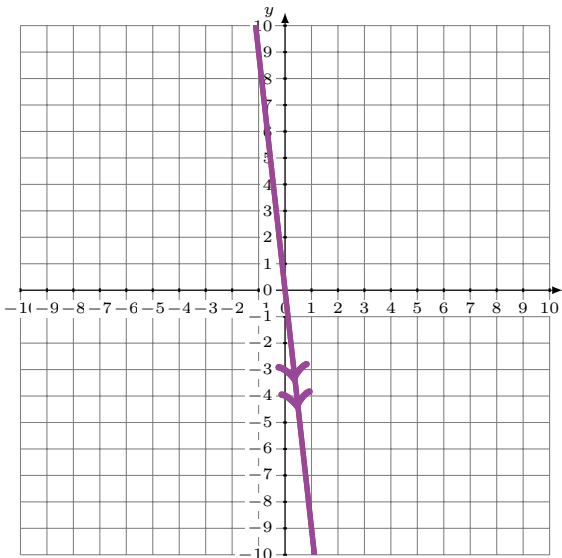
Graph each system and identify the dependent system.

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



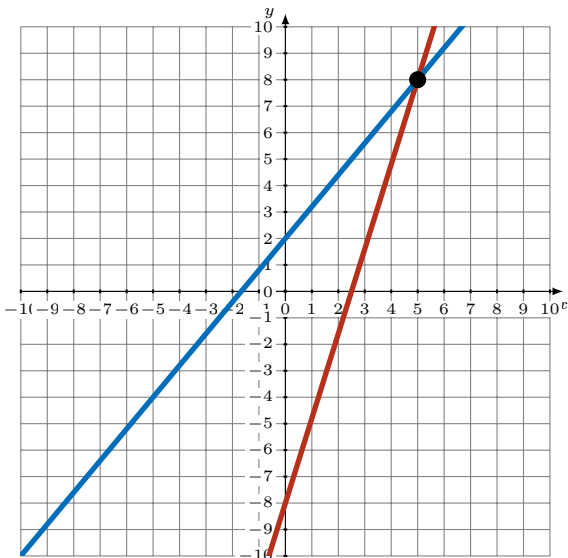
Solution: $(-6, 8)$

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



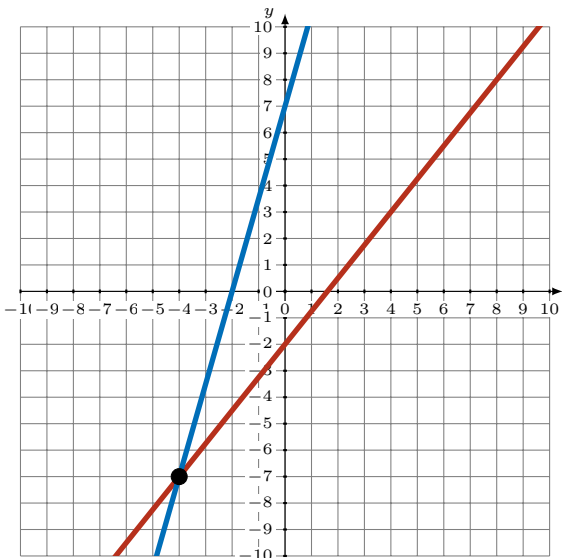
Solution: Infinite Solutions (Dependent)

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



Solution: $(5, 8)$

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



Solution: $(-4, -7)$