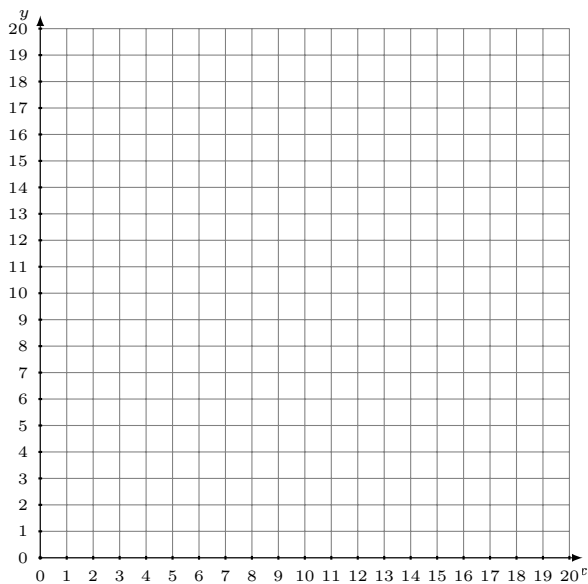


# Graphing Linear Systems (H)

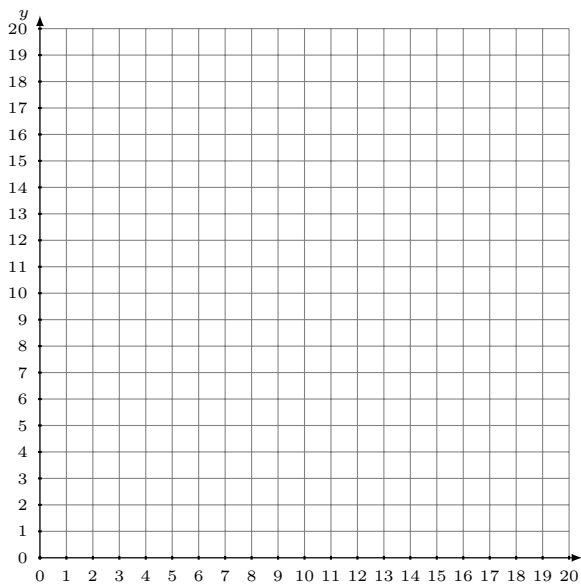
Graph each system and identify its solution.

1.  $x - y = 0$   
 $2x - 7y = -70$



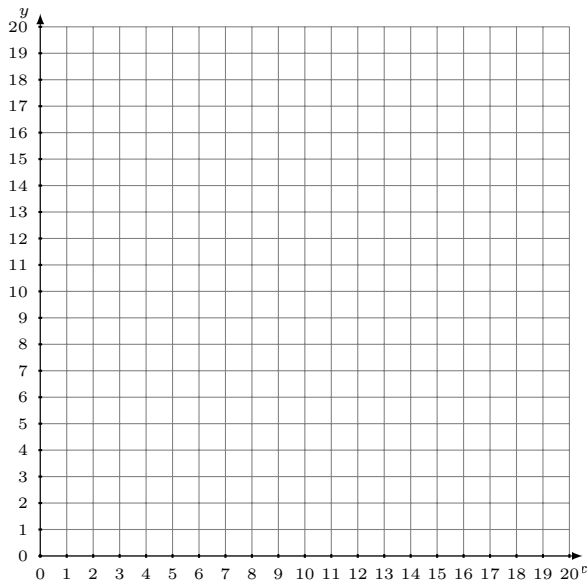
Solution: (----,----)

2.  $3x - 5y = -10$   
 $x + 15y = 180$



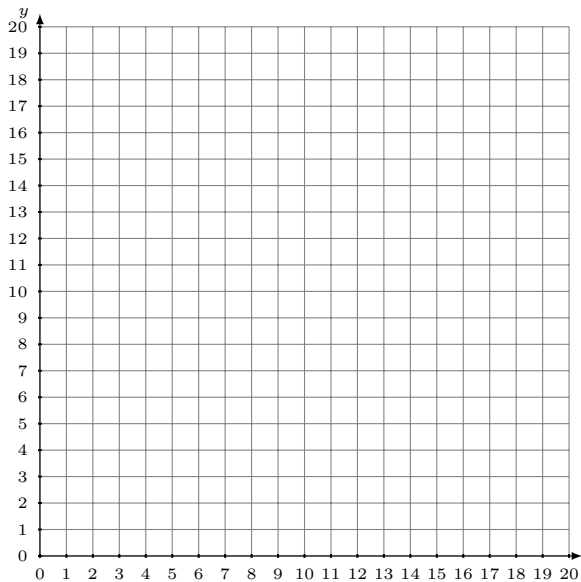
Solution: (----,----)

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



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

4.  $x - 18y = 0$   
 $17x + 18y = 324$



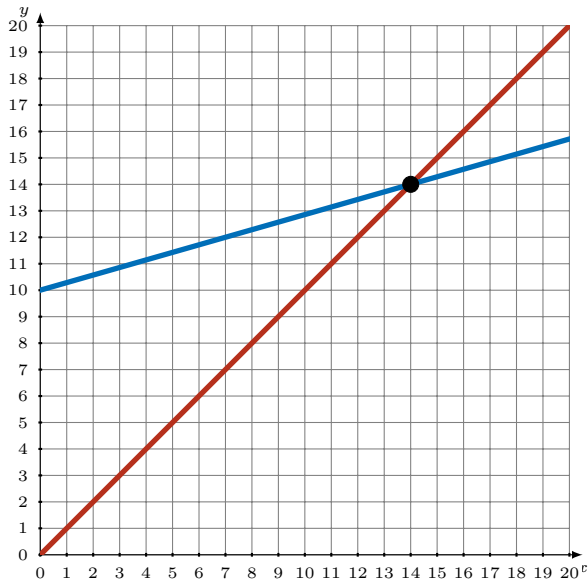
Solution: (----,----)

# Graphing Linear Systems (H) Answers

Graph each system and identify its solution.

1.

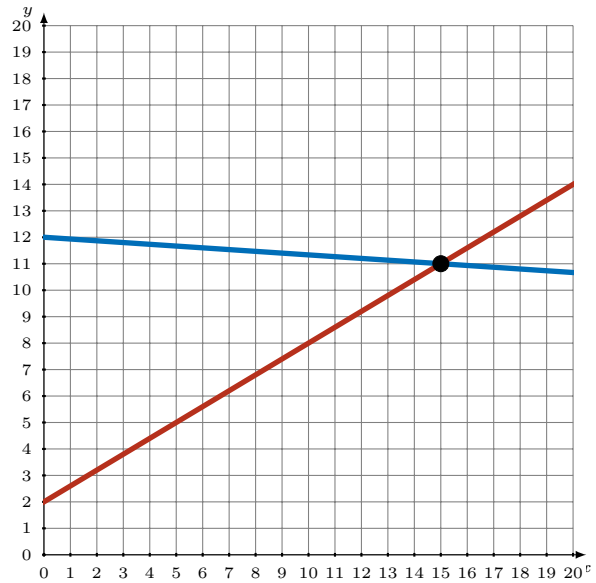
$$\begin{aligned}x - y &= 0 \\ 2x - 7y &= -70\end{aligned}$$



Solution: (14,14)

2.

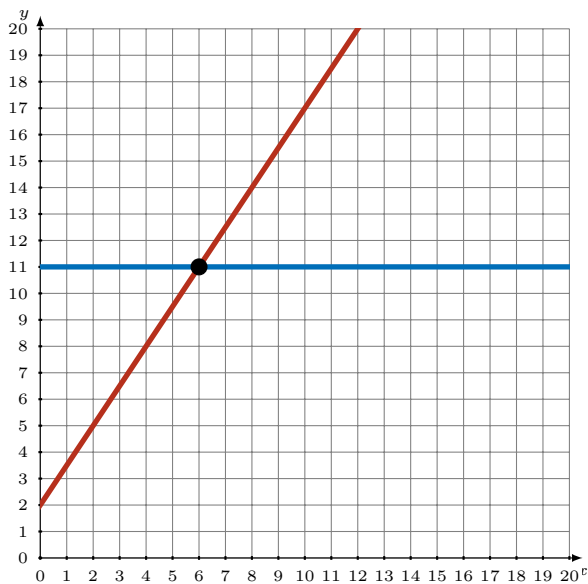
$$\begin{aligned}3x - 5y &= -10 \\ x + 15y &= 180\end{aligned}$$



Solution: (15,11)

3.

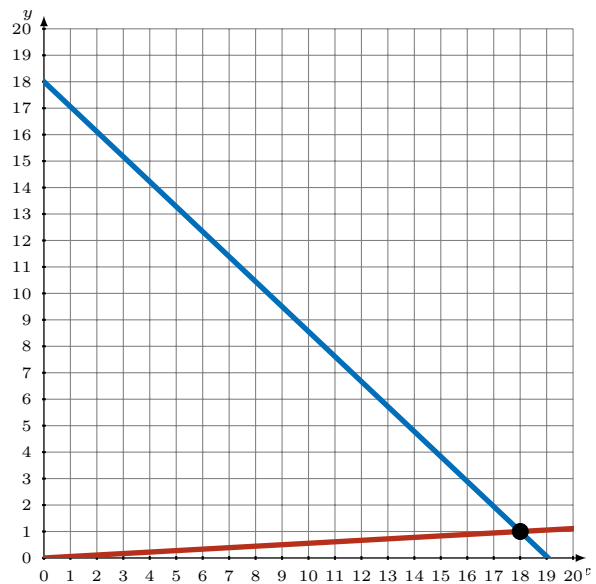
$$\begin{aligned}y &= \frac{3}{2}x + 2 \\ y &= 11\end{aligned}$$



Solution: (6,11)

4.

$$\begin{aligned}x - 18y &= 0 \\ 17x + 18y &= 324\end{aligned}$$



Solution: (18,1)