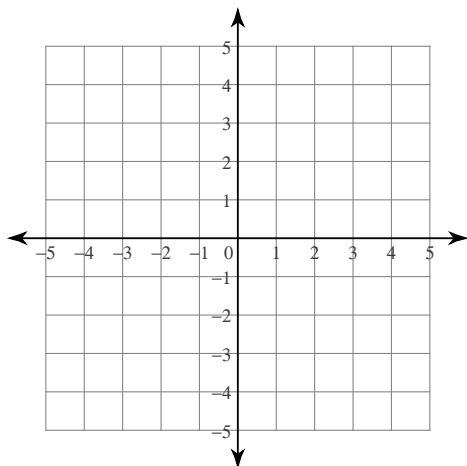


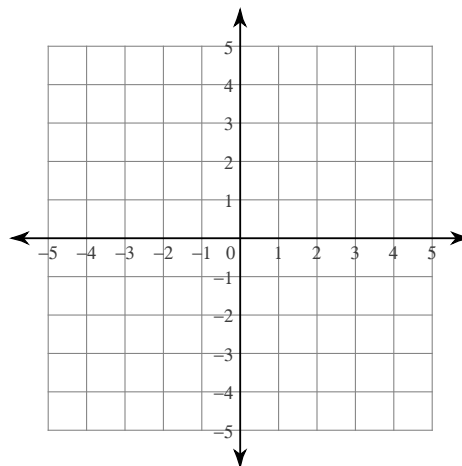
Assignment

Solve each system by graphing.

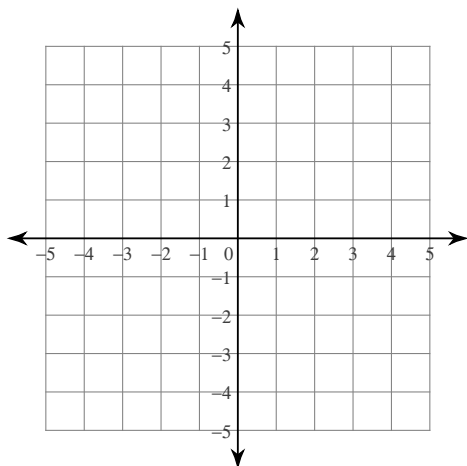
1) $2x + 3y = 9$
 $4x - 9 = 3y$



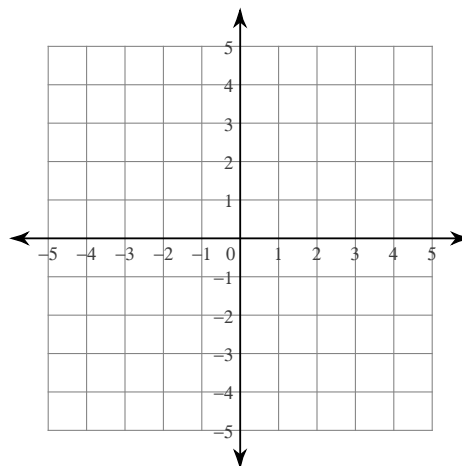
2) $4y - 7x = -12$
 $-4 + 2y = x$



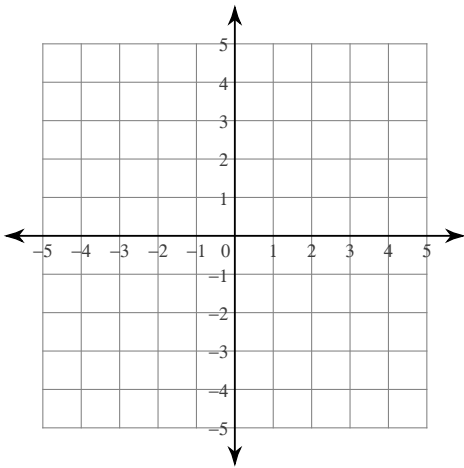
3) $-6 + 2y = -2x$
 $-4x = -2 - y$



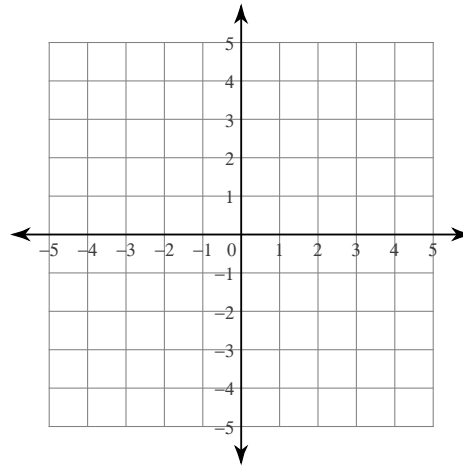
4) $-x = 12 + 4y$
 $-4 = -2y - 3x$



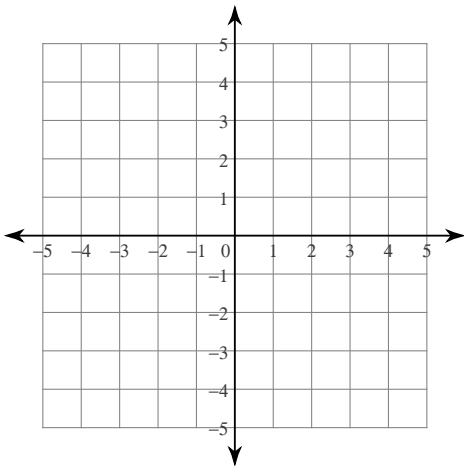
$$5) \begin{aligned} 8 &= 2y - 5x \\ 2y &= -8 - 3x \end{aligned}$$



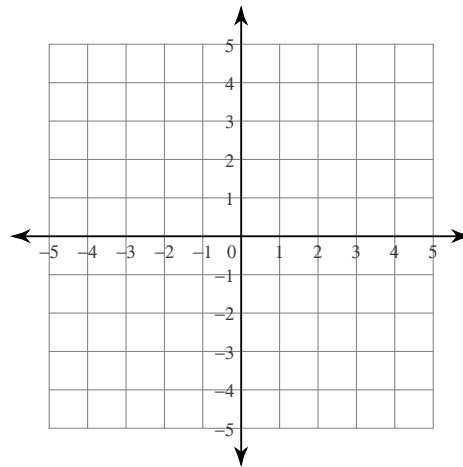
$$6) \begin{aligned} x + \frac{1}{4}y + \frac{1}{4} &= 0 \\ -x - y &= -2 \end{aligned}$$



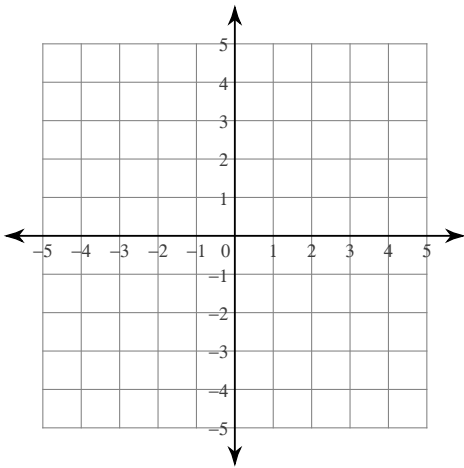
$$7) \begin{aligned} y + 4 - \frac{1}{3}x &= 0 \\ 0 &= y + 2x - 3 \end{aligned}$$



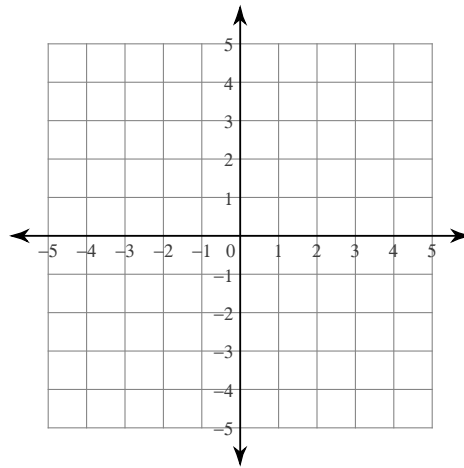
$$8) \begin{aligned} 0 &= -x - 2y - 2 \\ 2 &= -x - 2y \end{aligned}$$



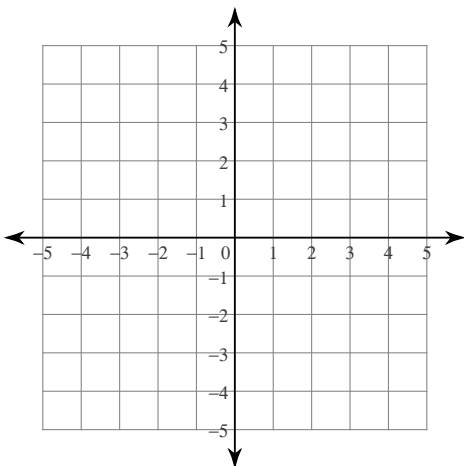
9) $y = -3 - 3x$
 $x + 2y = 4$



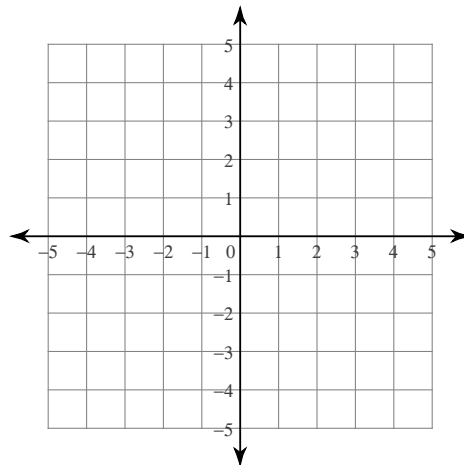
10) $-2 - 2y = x$
 $x + 6 - 2y = 0$



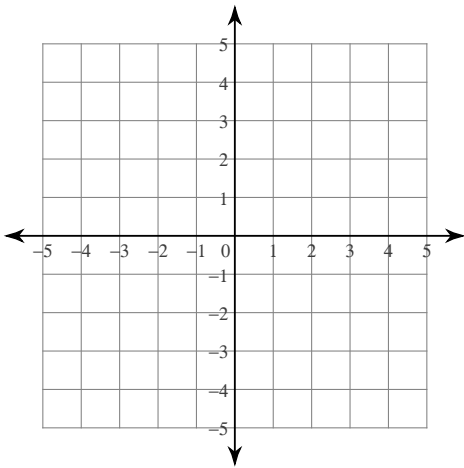
11) $-4y - 8 = -2x$
 $0 = -2 + y - \frac{5}{2}x$



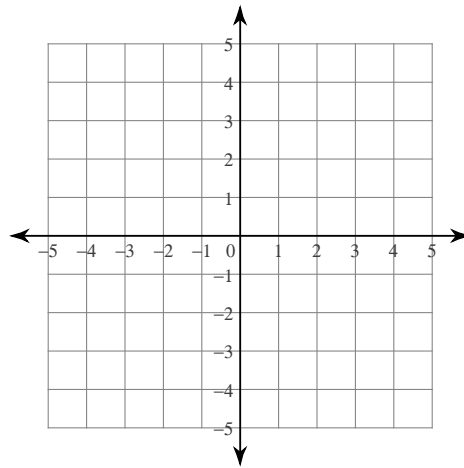
12) $-3x = -1 + y$
 $0 = x - y - 3$



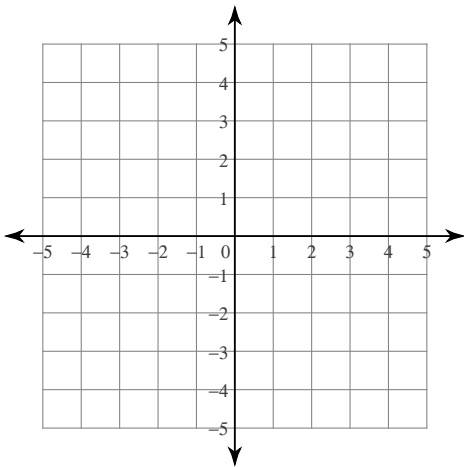
13) $4y - 4 = -x$
 $-2y - 4 - 2x = 0$



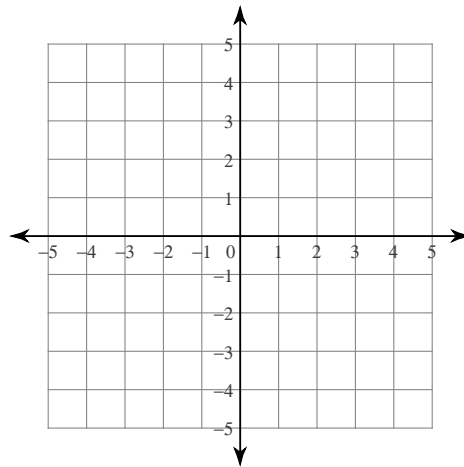
14) $-5x - 1 = y$
 $2x = -2y + 6$



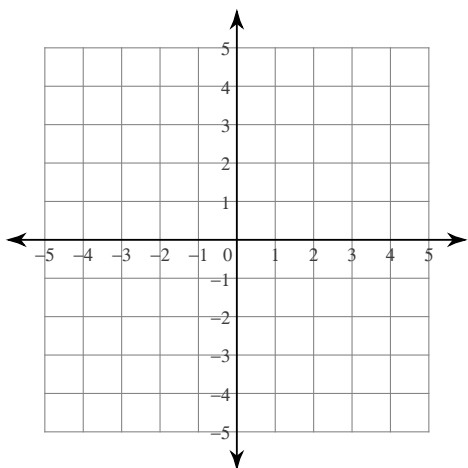
15) $x - y - 2 = 0$
 $-y + 2 = 3x$



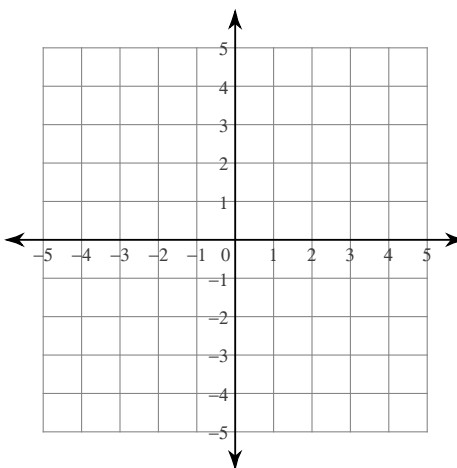
16) $-3 + y = -6x$
 $18x + 3y = -6$



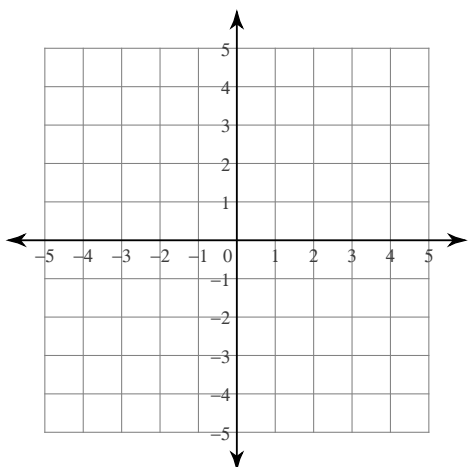
17) $8 + 2y = 3x$
 $0 = 2y + 8 - 3x$



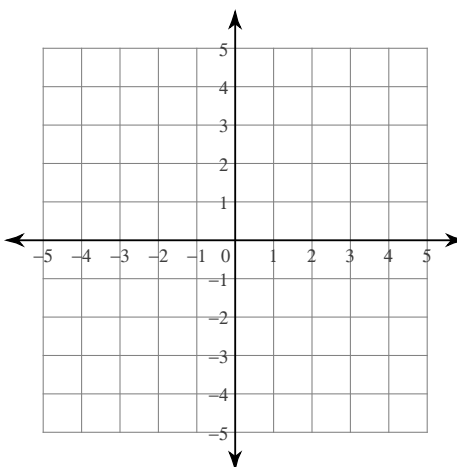
18) $2 + 2x = -y$
 $-2x - 4 = y$



19) $2 - y = -3x$
 $x = 2y + 6$



20) $-3 = 3y - 4x$
 $0 = -3x + 9y - 18$



Answers to Assignment (ID: 1)

- | | | | |
|---------------------------------|-----------------|----------------------------------|-------------|
| 1) (3, 1) | 2) (4, 4) | 3) (1, 2) | 4) (4, -4) |
| 5) (-2, -1) | 6) (-1, 3) | 7) (3, -3) | |
| 8) Infinite number of solutions | 9) (-2, 3) | 10) (-4, 1) | |
| 11) (-2, -3) | 12) (1, -2) | 13) (-4, 2) | 14) (-1, 4) |
| 15) (1, -1) | 16) No solution | 17) Infinite number of solutions | |
| 18) No solution | 19) (-2, -4) | 20) (3, 3) | |