

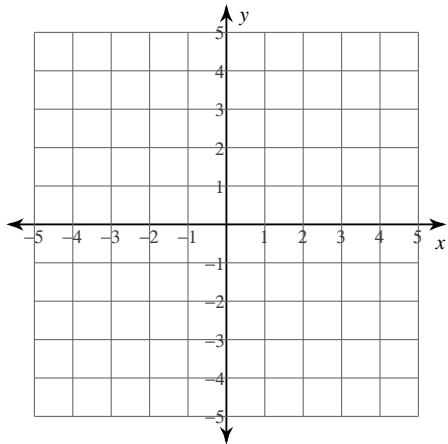
Solving by Graphing

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Solve each system by graphing.

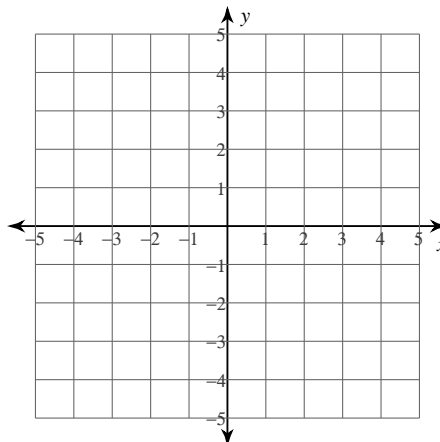
1) $y = 2x + 2$

$y = \frac{2}{3}x - 2$



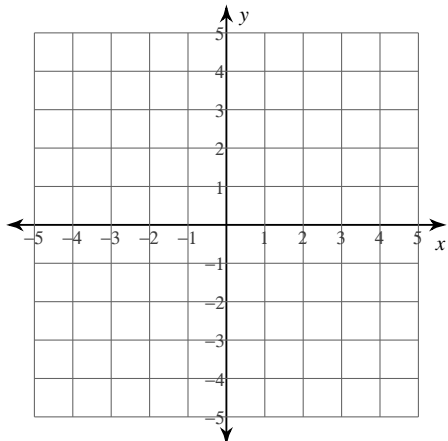
2) $y = \frac{7}{4}x + 4$

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



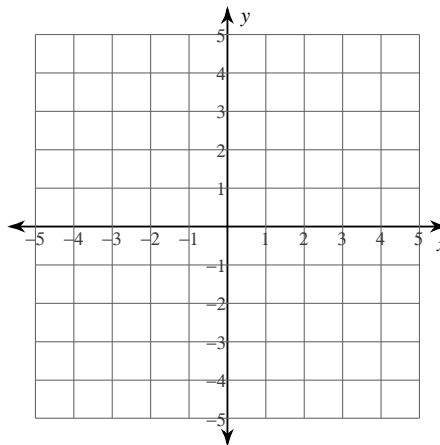
3) $y = -3x - 4$

$y = 4x + 3$

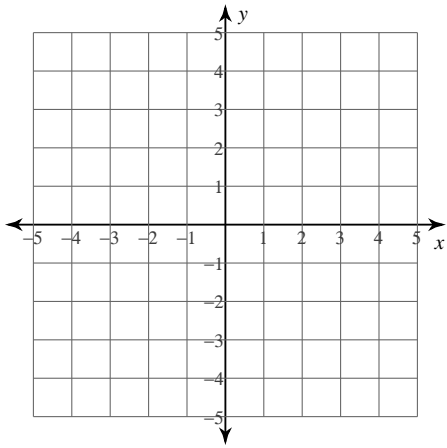


4) $y = \frac{1}{2}x + 1$

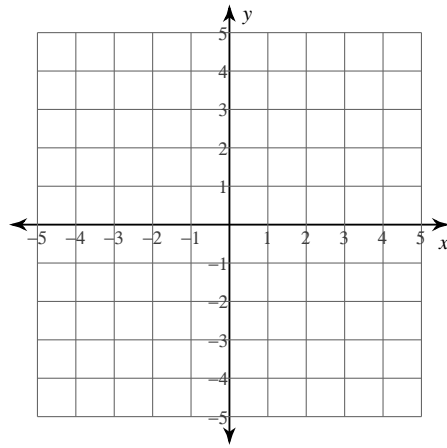
$y = 3x - 4$



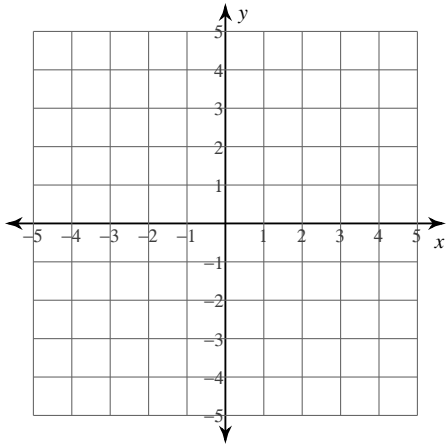
5) $y = x + 2$
 $y = 7x - 4$



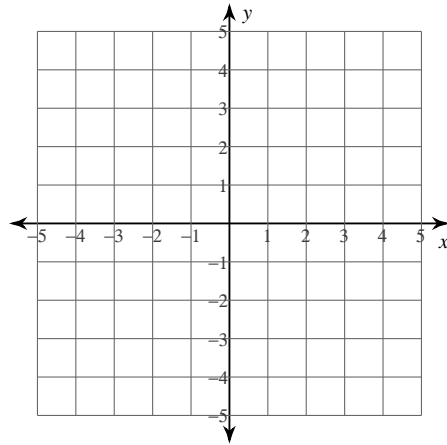
6) $x + 2y = 4$
 $x + 2y = 6$



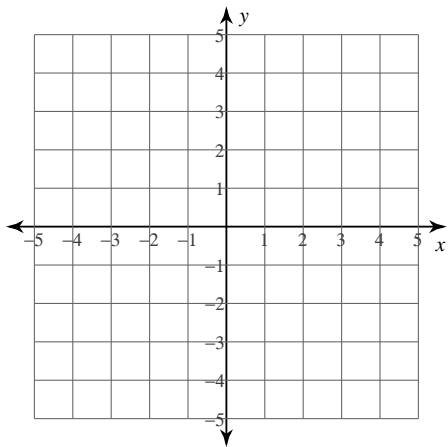
7) $x - y = -1$
 $2x + 3y = -12$



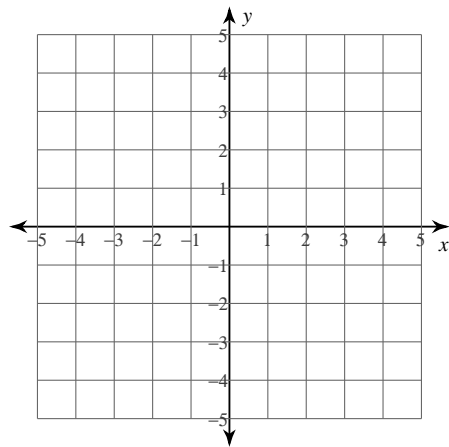
8) $3x + 2y = 8$
 $x - 2y = 8$



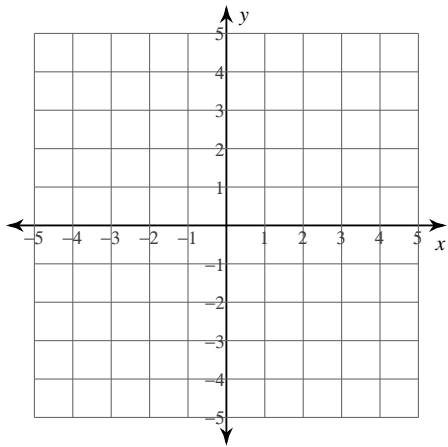
9) $3x - 2y = -8$
 $x - 2y = -4$



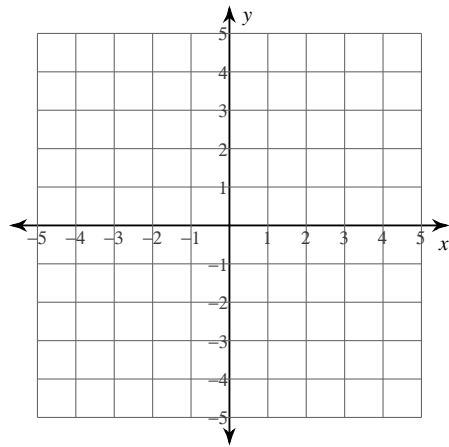
10) $6x - y = 3$
 $6x - y = 4$



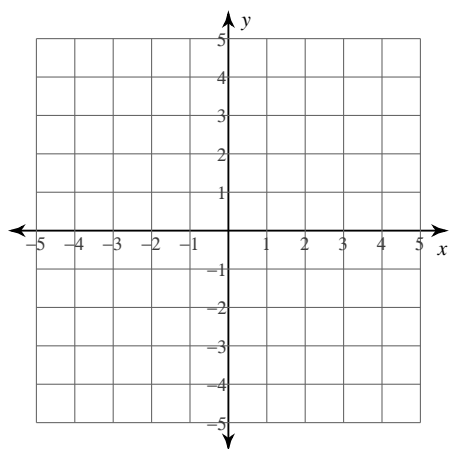
11) $-9 + 9y = -6x$
 $0 = 6 + 3y - x$



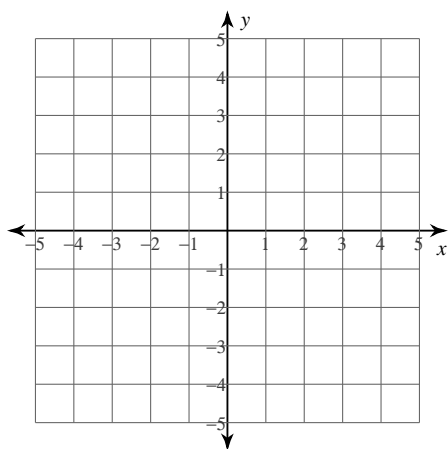
12) $10x = -16 - 8y$
 $x + 4y - 8 = 0$



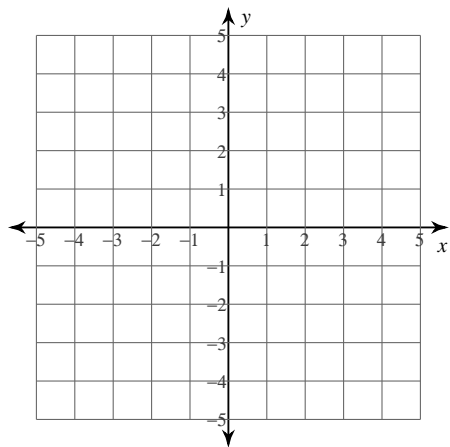
$$13) \begin{aligned} 3y &= 9 - 4x \\ x &= 6 + 3y \end{aligned}$$



$$14) \begin{aligned} y - 8x &= 4 \\ 0 &= 3 - x + y \end{aligned}$$



$$15) \begin{aligned} 2x &= -4 - y \\ 3y - 3 + x &= 0 \end{aligned}$$



Answers to Solving by Graphing (ID: 1)

- 1) $(-3, -4)$
- 5) $(1, 3)$
- 9) $(-2, 1)$
- 13) $(3, -1)$

- 2) $(-4, -3)$
- 6) No solution
- 10) No solution
- 14) $(-1, -4)$

- 3) $(-1, -1)$
- 7) $(-3, -2)$
- 11) $(3, -1)$
- 15) $(-3, 2)$

- 4) $(2, 2)$
- 8) $(4, -2)$
- 12) $(-4, 3)$