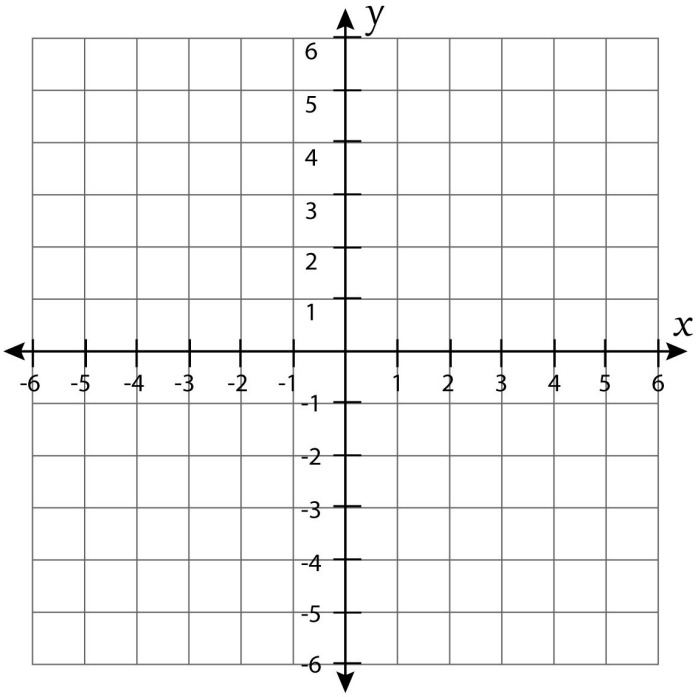
Solving Systems of Equations by Graphing

MATH MONKS

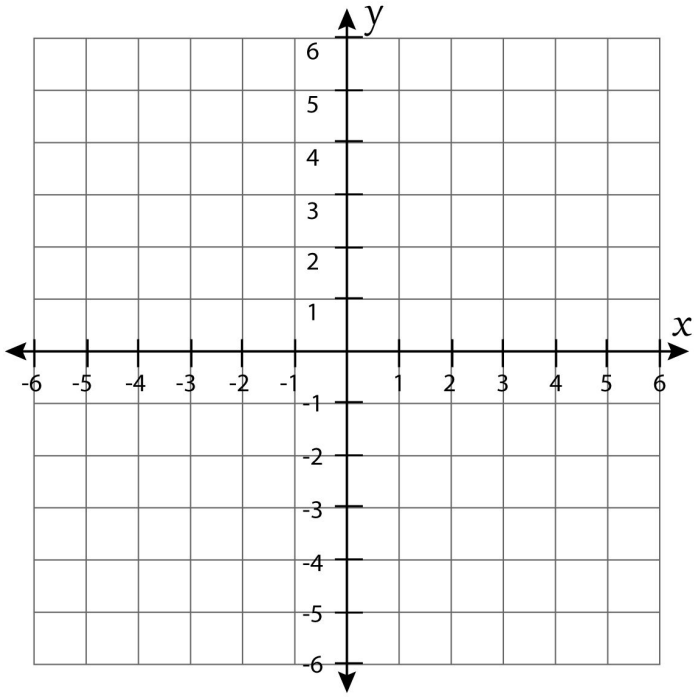
Solve each system by graphing.

① $y = 3x - 3$; $y = -3$



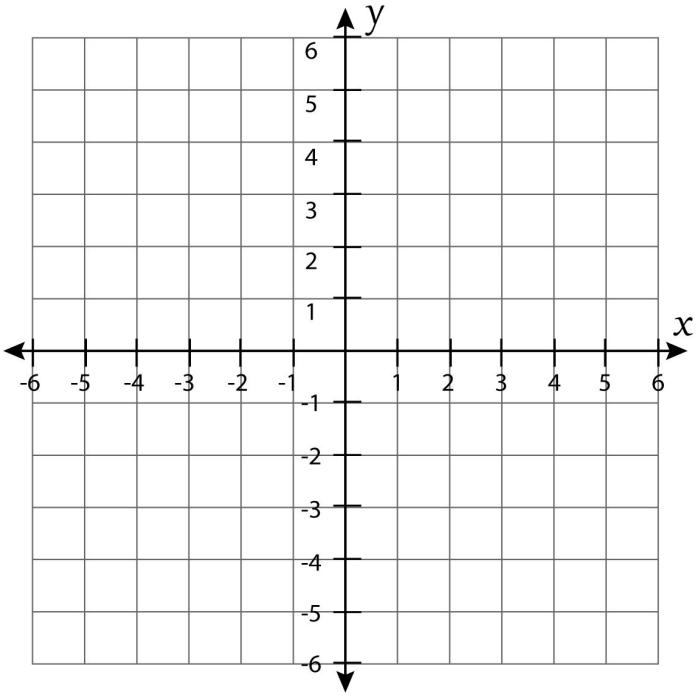
(_____)

② $-y - 3 + 4x = 0$; $-4 = -3x - y$



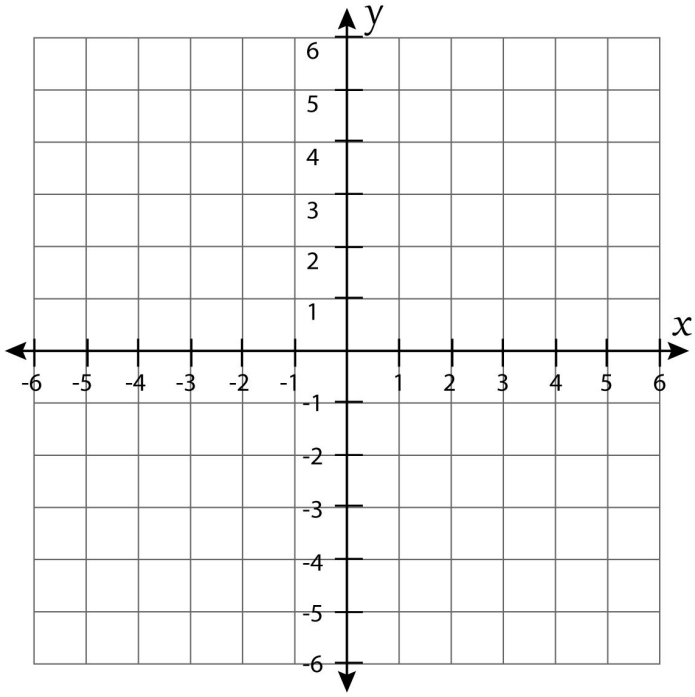
(_____)

③ $2x + y = 1$; $2x - y = 3$



(_____)

④ $y = \frac{-1}{4}x + 3$; $y = \frac{-3}{2}x - 2$



(_____)

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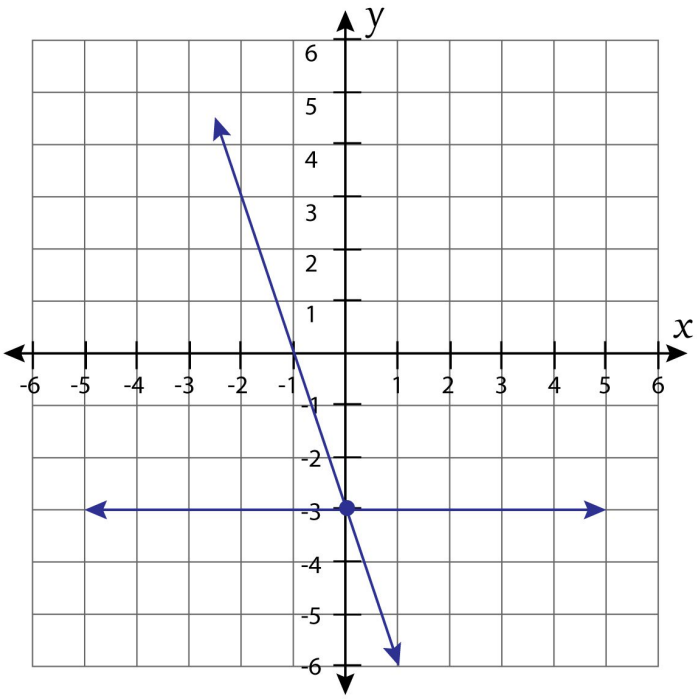
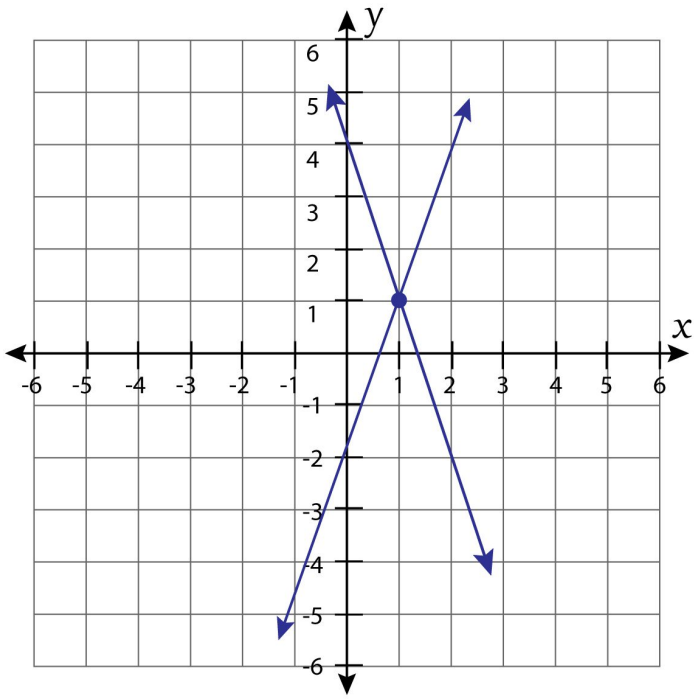
Answer.

① $y = 3x - 3$; $y = -3$



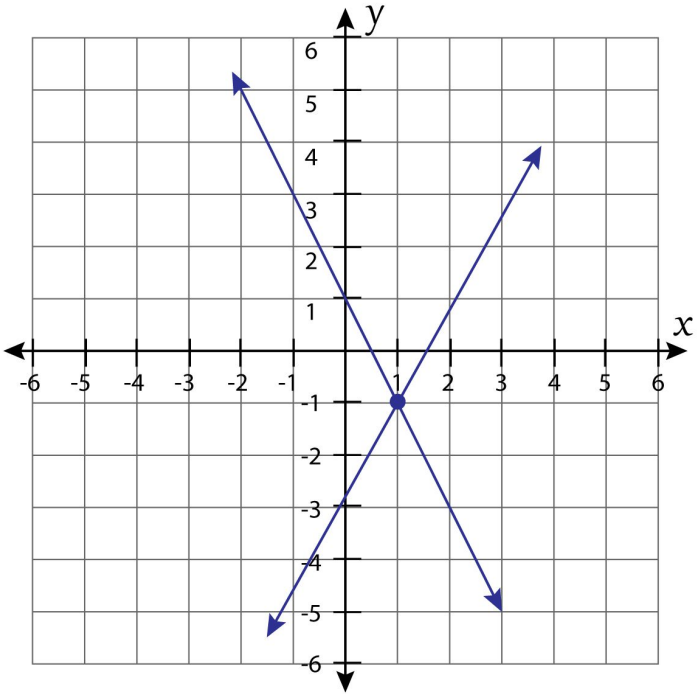
(0 , -3)

② $-y - 3 + 4x = 0$; $-4 = -3x - y$



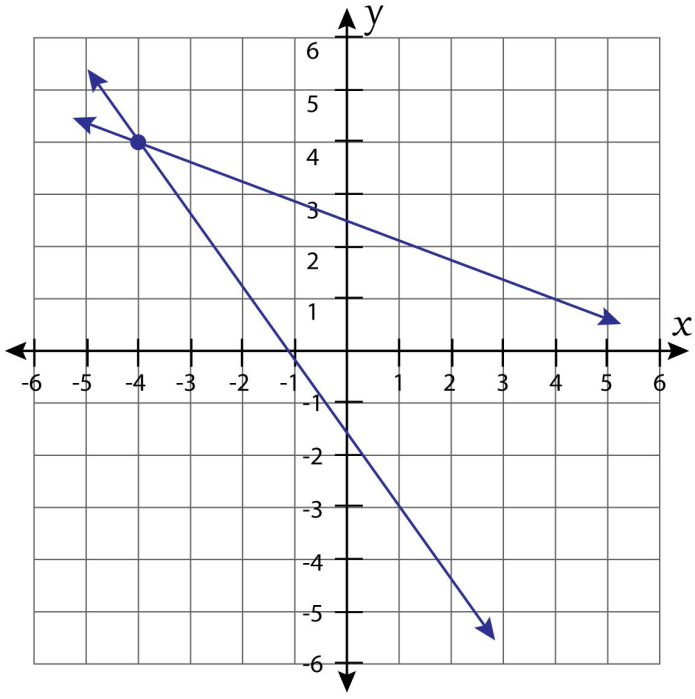
(1 , 1)

③ $2x + y = 1$; $2x - y = 3$



(1 , -1)

④ $y = \frac{-1}{4}x + 3$; $y = \frac{-3}{2}x - 2$



(-4 , 4)