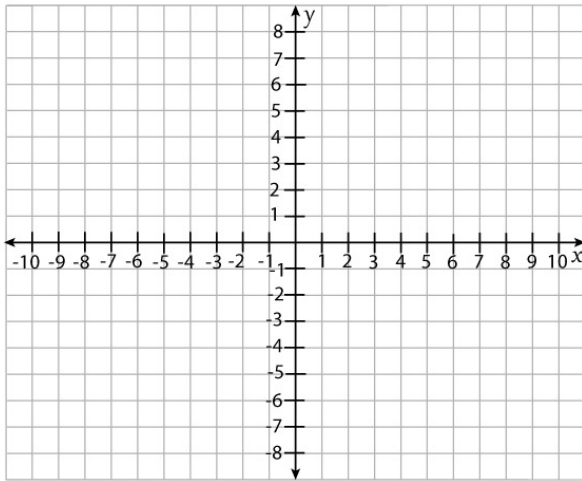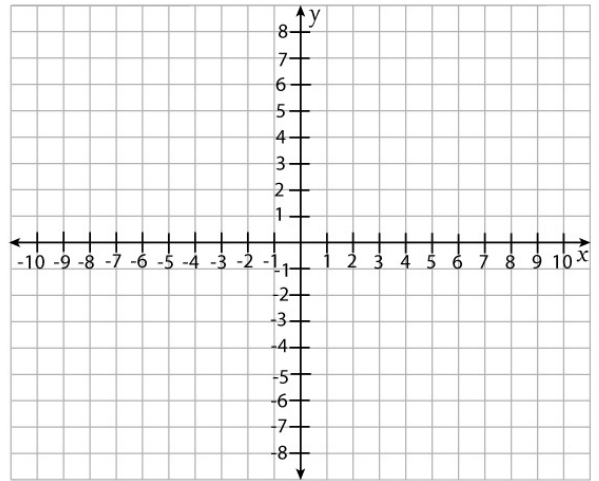# Solving Sysyems of Equations by Graphing

MATH MONKS

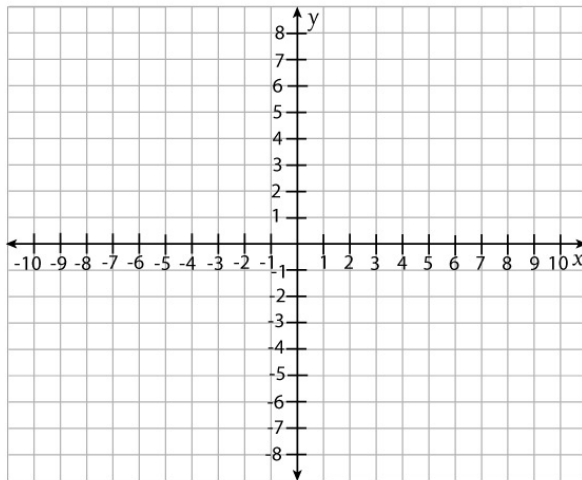Solving Systems of Equations by Graphing
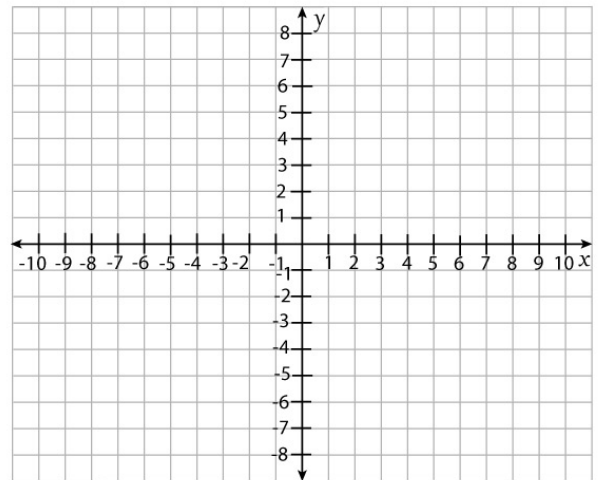
① $y = -2x + 2$
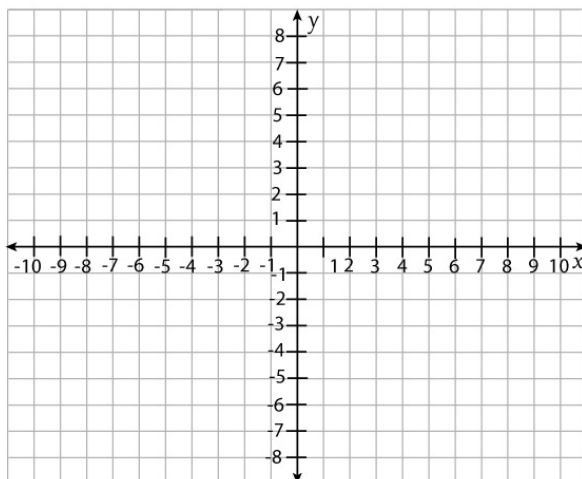$y = -2x - 2$

② $y = \frac{3}{2}x + 3$
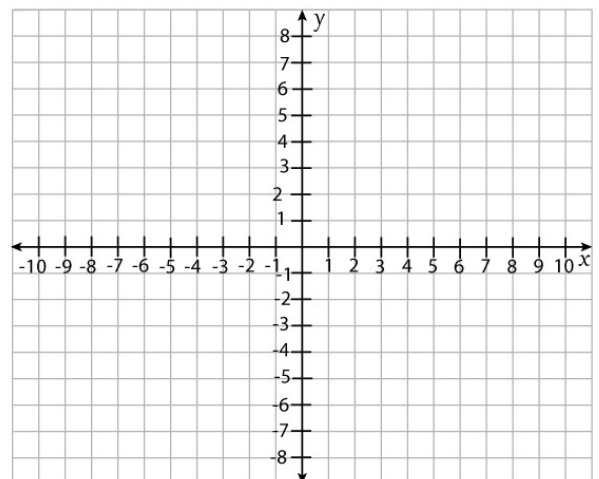$y = -3$

③ $-6x + 4y = -12$
$y = -3$

④ $y = -4x + 6$
$y = -3x + 4$

⑤ $y = -3x - 3$
$y = -3$

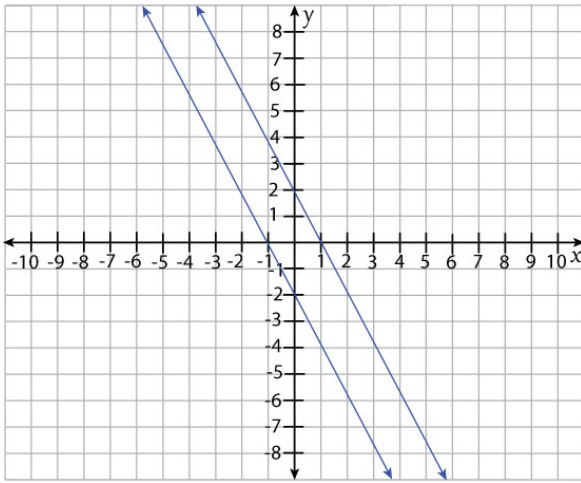⑥ $y = -\frac{1}{2}x - 1$
$y = -\frac{1}{4}x - 4$

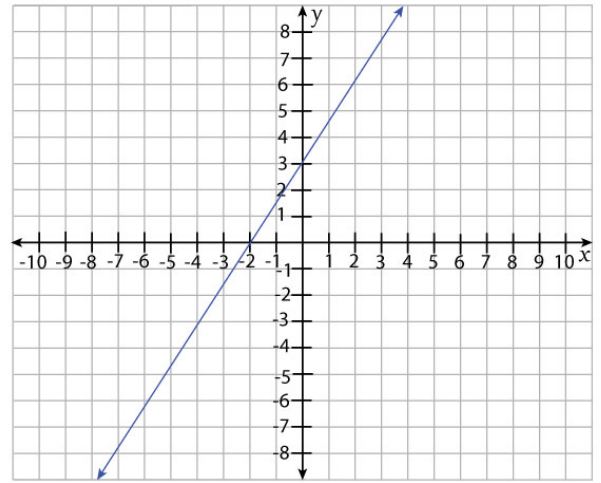# Solving Sysyems of Equations by Graphing

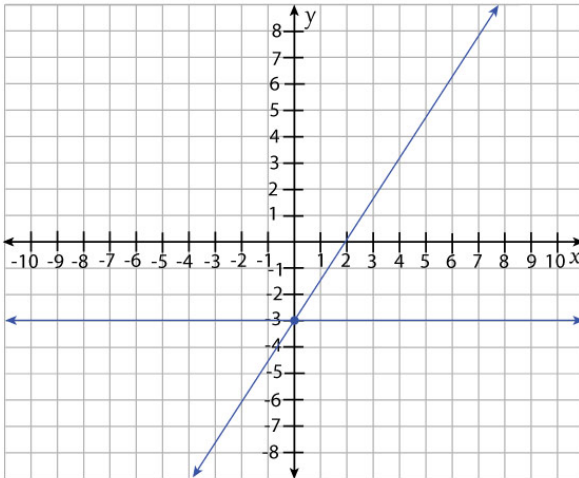**Answers**

① $y = -2x + 2$
  $y = -2x - 2$ **No Solution**

② $y = \dfrac{3}{2}x + 3$
  $y = -3$ **(-4, -3)**

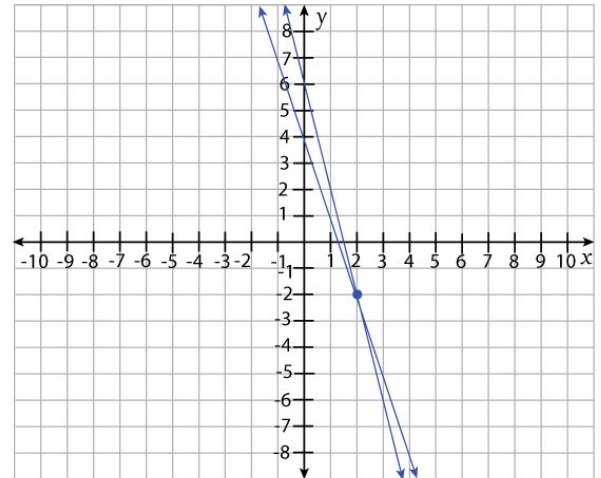
③ $-6x + 4y = -12$
  $y = -3$ **(0, -3)**

④ $y = -4x + 6$
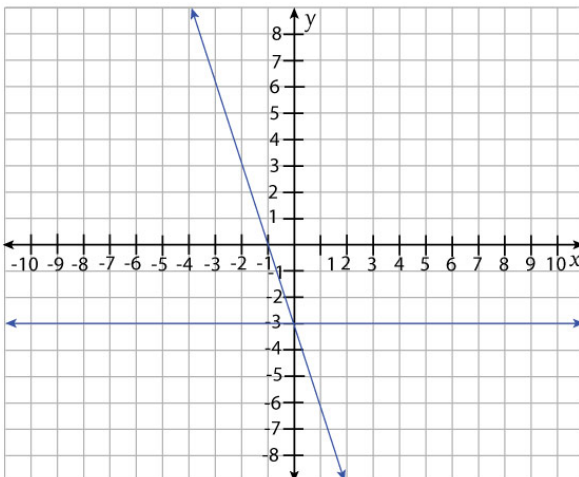 $y = -3x + 4$ **(2, -2)**

⑤ $y = -3x - 3$
  $y = -3$ **(0, -3)**

⑥ $y = -\dfrac{1}{2}x - 1$
  $y = -\dfrac{1}{4}x - 4$ **(4, -3)**