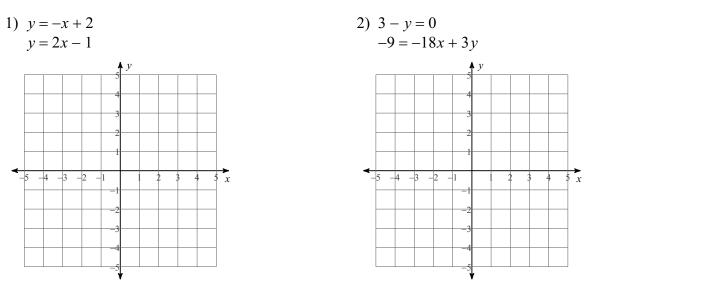


Solve each system by graphing.



Solve each system by substitution.

3)
$$y = -3x - 7$$

 $3x + 2y = -8$
4) $x - y = -6$
 $4x + 4y = 0$

Solve each system by elimination.

5) $-2x + 2y = -8$	6) $4x - 2y = 4$
2x + 2y = -4	8x + 3y = -6

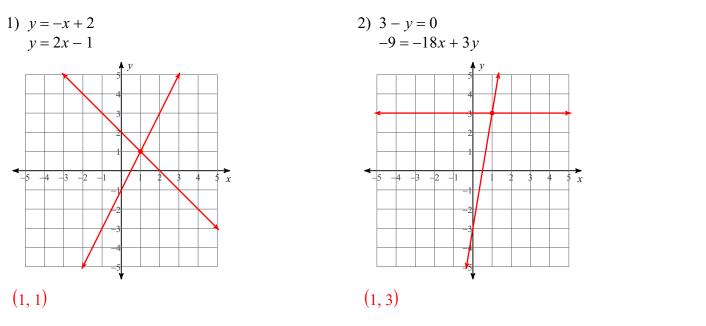
7) Natalie and Krystal each improved their yards by planting rose bushes and geraniums. They bought their supplies from the same store. Natalie spent \$101 on 5 rose bushes and 6 geraniums. Krystal spent \$68 on 5 rose bushes and 3 geraniums. What is the cost of one rose bush and the cost of one geranium?

8) NOTE: Set up the linear system. DO NOT SOLVE

Mike and Aliyah are selling cookie dough for a school fundraiser. Customers can buy packages of sugar cookie dough and packages of gingerbread cookie dough. Mike sold 6 packages of sugar cookie dough and 5 packages of gingerbread cookie dough for a total of \$115. Aliyah sold 1 package of sugar cookie dough and 1 package of gingerbread cookie dough for a total of \$21. Find the cost each of one package of sugar cookie dough and one package of gingerbread cookie dough.



Solve each system by graphing.



Solve each system by substitution.

3)
$$y = -3x - 7$$

 $3x + 2y = -8$
(-2, -1)
4) $x - y = -6$
 $4x + 4y = 0$
(-3, 3)

Solve each system by elimination.

5) $-2x + 2y = -8$	6) $4x - 2y = 4$
2x + 2y = -4	8x + 3y = -6
(1, -3)	(0, -2)

7) Natalie and Krystal each improved their yards by planting rose bushes and geraniums. They bought their supplies from the same store. Natalie spent \$101 on 5 rose bushes and 6 geraniums. Krystal spent \$68 on 5 rose bushes and 3 geraniums. What is the cost of one rose bush and the cost of one geranium?

rose bush: \$7, geranium: \$11

8) NOTE: Set up the linear system. DO NOT SOLVE

Mike and Aliyah are selling cookie dough for a school fundraiser. Customers can buy packages of sugar cookie dough and packages of gingerbread cookie dough. Mike sold 6 packages of sugar cookie dough and 5 packages of gingerbread cookie dough for a total of \$115. Aliyah sold 1 package of sugar cookie dough and 1 package of gingerbread cookie dough for a total of \$21. Find the cost each of one package of sugar cookie dough and one package of gingerbread cookie dough.

package of sugar cookie dough: \$10, package of gingerbread cookie dough: \$11