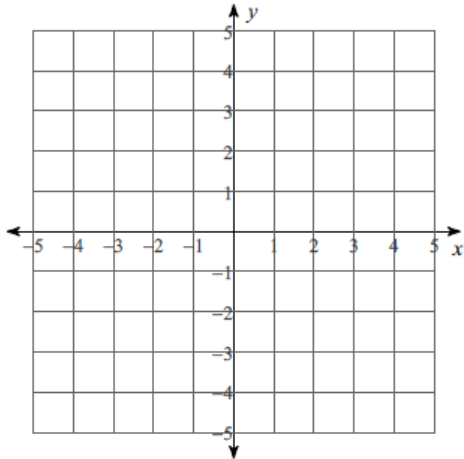


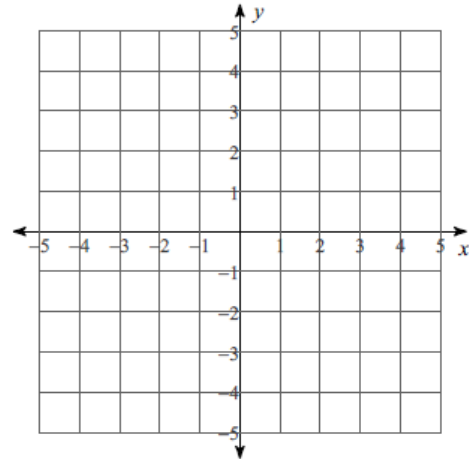
Test Review part II

**Solve each system by graphing.**

1)  $y = 5x - 1$   
 $y = x + 3$



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



**Solve each system by substitution.**

3)  $y = -5x + 9$   
 $y = 6x - 2$

4)  $y = -6x - 1$   
 $-x + 2y = -2$

**Solve each system by elimination.**

5)  $-6x - y = 7$   
 $3x + y = -4$

6)  $-x - 4y = 1$   
 $-x - y = -2$

7)  $-5x + 4y = 20$   
 $-x - y = -5$

8)  $5x + 4y = -22$   
 $4x + 3y = -19$

9)  $-3x + 3y = -6$   
 $-4x + 8y = -28$

10)  $7x + 5y = -29$   
 $-9x + 6y = 0$

11) One week jace bought 5 pop tarts and 2 sandwiches for \$35.00. The next week he bought 3 poptarts and 5 sandwiches and paid \$40.00. Find the cost of 1 pop tart and the cost of 1 sandwich.

(a) Write the systems of equations and solve:

\_\_\_\_\_

(b) What is the cost of 1 pop tart and the cost of 1 sandwich?

\_\_\_\_\_

12) Mr. G's Get fit or die tryin' gym has a starting membership fee of \$5 and charges \$30 per month. Hamid's gym of weaklings has a starting membership fee of \$35 and charges \$10 per month

(a) Write the systems of equations and solve:

\_\_\_\_\_

(b) After how many months would the cost for the two gyms be the same? What is that cost?

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