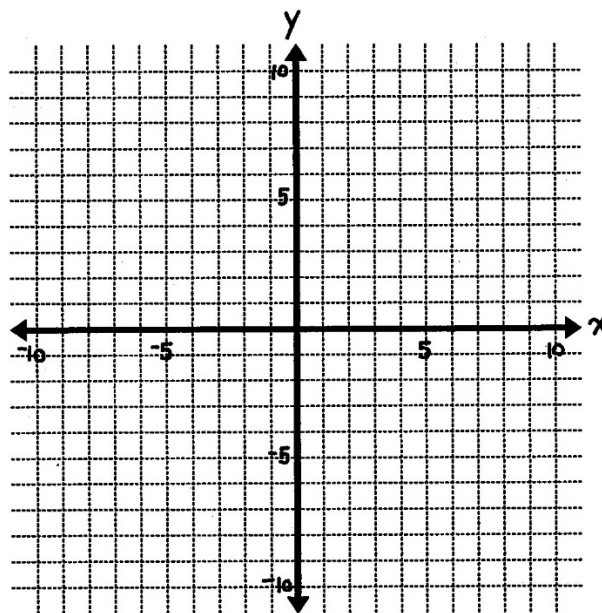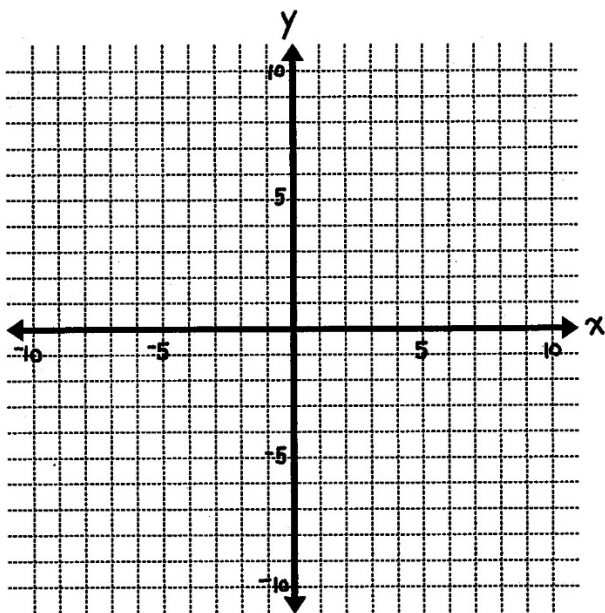Name _____ Date _____

Chapter 5 Review

For problems #1-2, solve the systems of linear equations by ***graphing***.

1) $y = -2x + 3$
    $y = 4x - 3$

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

For problems #3-6, solve the systems of linear equations by ***substitution***.

3) $y = -3x - 7$
    $y = x + 9$

4) $x = y + 1$
    $x + 3y = 13$

5) $x + 2y = -8$

    $y = 2x + 16$

6) $-x + 5y = 28$

    $x + 3y = 20$

For problems #7-10, solve the system of linear equations by *elimination*.

7) $x + 4y = 4$

    $-x + 2y = 8$

8) $y = -9x + 2$

    $y = -3x - 4$

9) $-10x + 5y = 30$

    $-2x + 2y = 6$

10) $3x + 18y = 12$

    $2x + 8y = 6$

For problems #11-13, write a system of linear equations and solve using elimination or substitution method.

11) The table shows the purchases made by two customers at a meat counter. Determine from the table the amount that a slice of turkey and ham would cost.

	Sliced Turkey (pounds)	Sliced Ham (pounds)	Total Cost
Customer 1	4	1	$8
Customer 2	2	4	$11

12) You and your friend are in line behind each other at Pizza My Heart. Your friend's family gets 2 slices of pizza and 3 salads for $22. Your family gets 3 slices of pizza and 2 salads for $20.50. How much is a slice of pizza? How much is a salad?

13) Money Bags has 27 dimes and nickels in his coin purse worth $2.30. How many nickels and dimes does he have?