5 E	Systems of Equation: More Practice	Name:	Per:
	OW YOUR WORK FOR FULL CREDIT. NO WORK, N		
For each of the situation, write two equations and solve the system any method to find the price each item.			
dog tota	rita and Carlos run a pet sitting company. Clarity food without recording the price of each type of all price of each purchase. Carlos is trying to figure out the cost of in	of food in their records ure out the price of ea	s. Instead, Carlos has just recorded the ch type of food by reviewing some
1.	One week Carlos bought 5 bags of Tiny Tidbir he bought 5 bags of Tiny Tidbits and 6 bags of Tiny Tidbits and 6 bags of Tiny Tidbir he bought 5 bags of Tiny Ti	_	
2.	Another time Carlos bought 2 bags of Brutus B bought 5 bags of Brutus Bites and 6 bags of Lu	_	ky Licks for \$42.50. The next week he
3.	Carlos purchased 6 dog leashes and 6 cat brush Later in the summer he purchased 3 additional		
4.	One week he tried out a cheaper brand of cat ar food and 5 small bags of dog food for \$22.75. more small bags of dog food, which cost him \$	On Wednesday he buy	
5.	One week Carlos bought 2 packages of dog bordidn't like the cat treats, Carlos returned 3 unordog bones. After being refunded for the cat tre	pened packages of cat	treats and bought 2 more packages of

Solve the following systems of equations by any method.

6.
$$y = -1 - x$$

 $5x + y = -13$

8.
$$y = 5x - 7$$

 $-3x - 2y = -12$

$$10. 7x + 2y = 24$$
$$4x + y = 15$$

Solution: _____

Solution: _____

Solution:

7.
$$x = -\frac{4}{3} + y$$

 $x = -3 + y$

9.
$$2x + y = 20$$

 $6x - 5y = 12$

$$11. 8x + y = -16$$
$$9x - 3y = 15$$

Solution: _____

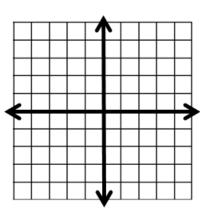
Solution: _____

Solution:

Solve the following systems of equations by graphing and circle the solution.

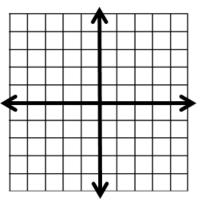
12.
$$y = -\frac{1}{2}x - 1$$

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



13.
$$y = 3x - 4$$

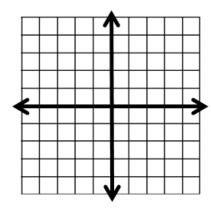
$$y = -\frac{1}{2}x + 3$$



Solve the following systems of inequalities by graphing and circle the solution set.

14.
$$y \le \frac{1}{2}x + 1$$

 $y > -2x - 2$



15.
$$y \ge -x - 1$$

