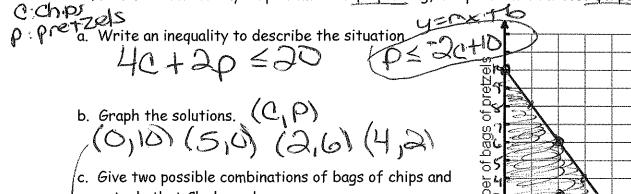
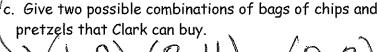
Graphing Two Variable Inequalities

Day 1 Homework

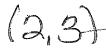
Name_	K	E	Y		
Data				Daniad	

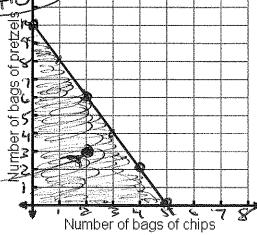
1. Clark is having a party at his house. His father has allowed him to spend at most \$20 on snack food. He'd like to buy chips that cost \$4 per bag, and pretzels that cost \$2 per bag.





9(1,8)(3,4)(2,3)





Tell whether the ordered pair is a solution of the given inequality.

2. (1,6); y < x+6 3. (-3,-12); $y \ge 2x-5$

3.
$$(-3, -12)$$
; $y \ge 2x - 5$

4.
$$(5, -3)$$
; $y \le -x + 2$

5. Kent is ordering helium balloons for Lois. He has up to \$15 to spend. Superman balloons cost \$3.00 each and Batman balloons cost \$0.50 each.

a. Write an inequality to describe the situation.

B. Batman

b. Graph the solutions.

c. Give two possible combinations of Superman and Batman balloons Kent can order.

Number of Superman Balloons