Writing & Solving Two-Variable Inequalities	Name	***
Classwork	Date	Per
Write the inequality that represents each scenario. Be sure to first identify the two variables, write and then solve.		
1. Suppose we know the cost of 4 cartons of milk and 3 sandwiches is less than or equal to \$15.50.		
Y Variable Mile (m) Variable Sandwich : Inequality: Hm +	35 4 15.5	
Which of the following points are possible solutions to the inequal  (a. (1.25, 3.49)  (b. (1.45, 3.55)  (c. (1.50, 3.49))		3.00) 3/3/ < 15.17
(a) (1.25, 3.49)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\leq 15.50 \times$ t \$4 per pound. He
has no more than \$40 to spend.		
Variable Wings: W Y Variable hstags: h Inequality: 744+	4K 540	
Which of the following points are possible solutions to the inequal a. (4, 4)  a. (4, 4) $7(4) + 4(4) \leq 4 \leq 7(3) + 4(4) \leq 4 \leq 7(4) + 4(3) \leq 4 \leq $		Ŏ
<ul> <li>3. Sarah is selling bracelets and earrings to make money for summer earrings cost \$10. She needs to make at least \$500.</li> </ul>		
Variable <u>bracelets: X</u> Variable <u>eccings:</u> Y  Inequality: 5X	+104250	<u> </u>
Which of the following points are possible solutions to the inequal		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	) d. (10, 40 6(15)≥560 5(16) 1500 X 450	
4. The boys and girls soccer club is raising money to buy new uniform bars for \$2 each and the girls' soccer club is selling candles for \$4.	A CONTRACTOR OF THE PARTY OF TH	and the second s
Variable <u>Candy bars</u> (b) Variable <u>Candies</u> (g) Inequality: <u>2b +</u>	49 > 800	
What is the minimum amount of candy bars the boys would have had to sell if the girls sold 130 candles?		
9=130 26+49>800	NOOD LANG	

g=130 2b+49>800<math>2b+4(130)>800-520 -520