Write an inequality for each situation.	
1. Three times the sum of a number and 4 is no	2. Twelve percent of a number increased by 12
less than 22.	is at most 82.
3. The quotient of a number and 4 is at least 10.	417 is more than the product of 5 and a
or the questions of a number and the actioner for	number.
MC26 - an Process Person Local as	
Write an inequality and solve.	
5. Garrett wants to save at least \$350 for his upcoming trip. He has saved \$48.25 already, and he	
has a job where he earns \$8.50 per hour. How many hours will he have to work to reach his goal?	
Inequality:	
6. You have \$30 to spend on movie tickets this month. You have already spent \$15.75. If each movie	
ticket costs \$5.25, how many more times can you go to the movies this month?	
Inequality:	

**WRITING AND SOLVING INEQUALITIES – Day 1** 

DATE\_\_\_\_\_PER.\_\_\_

NAME\_\_\_\_\_

7. One cell phone company offers a plan that costs \$29.99 and includes unlimited nights and weekend minutes. Another phone company offers a plan that costs \$19.99 and charges \$0.35 per minute during nights and weekends. For what number of night and weekend minutes does the second company's plan cost more than the first company's plan?	
In a quality o	
Inequality:	
Choose the best answer. SHOW ALL WORK!	
8. Which statement is modeled by 2p + 5 < 11?	
A. The ourse of F and 2 times a number n is at least 11	
A. The sum of 5 and 2 times a number <i>p</i> is at least 11.	
B. Five added to the product of 2 and <i>p</i> is less than 11.	
C. Two times <i>p</i> plus 5 is at most 11.	
D. The product of 2 and <i>p</i> increased by 5 is 11.	
9. Which is NOT a solution of the inequality 33 − 3h ≤ -18?	
A. 17	
B. 21	
C. 15	
D. 45	
D. 40	
10. Which is NOT a solution of the inequality -12 ≥ -4x - 8?	
A5	
B. 2	
C. 7	
D. 10	
Answers in random order (except for #1-4): A, B, C, $x \ge 29$ , $x \ge 35.5$ , $x \le 2$	