

Mr. Williams Day 01-Inequalities Homework #1.) Give an example of where you find situations with inequalities in everyday life. Also, write an inequality to represent that situation. #2.) Integers that are greater than or equal to zero are classified as what types of numbers? Represent this classification of numbers using an inequality. For #'s 3 – 5: Write an inequality for each sentence. #3.) At a restaurant, children under 6 years old eat for free. #4.) You are given a max of 45 minutes to complete a test. #5.) If you spend \$100 or more the store you receive a coupon. #6.) $x - 11 < 9$; $x = 20$ #7.) $42 \ge 6a$; $a = 8$ #8.) $\frac{n}{3} + 1 \le 6$; $n = 15$					Date:	
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or $\#$'s 9 – 11: Graph the solution set of each inequality on the number line.						

#9.)
$$x \ge 9$$
 #10.) $-5 > x$ #11.) $x \ne 12$