INEQUALITIES

Name:	

• in-class assignment: PLEASE HAND IN FOR MARKS

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[20]

1. Show the following inequalities on a number line. Each inequality is to be shown on a separate number line.

1	x < 10	
2	b < -15	
3	$y \ge -3$	
4	$a \ge 0$	
5	2x < 9	
6	3x > 3x - 12	
7	a < -a + 4	
8	-25 ≥ <i>x</i>	
9	$5x \le -x + 18$	
10	20 > -x + 5x	

1		
1	x > 5	
2	$2y \le 2y + 10$	
3	a < 6a - 15	
4	5b - 20 > 5b - 13	
5	x + 45 > -x - 45	