

INEQUALITIES

Name: _____

- in-class assignment: PLEASE HAND IN FOR MARKS

/30

[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	$y \geq -3$	
4	$a \geq 0$	
5	$2x < 9$	
6	$3x > 3x - 12$	
7	$a < -a + 4$	
8	$-25 \geq x$	
9	$5x \leq -x + 18$	
10	$20 > -x + 5x$	

INEQUALITIES

Name: _____

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

1	$-5 \leq x < 10$	
2	$-20 < b < -15$	
3	$0 \geq y \geq -3$	
4	$0 \leq a \leq 10$	
5	$40 < 2x < 50$	
6	$27 > 3x > -12$	
7	$-8 < a \leq 4$	
8	$x \geq 5 \text{ and } x \leq -5$	
9	$-5x \leq -x + 16$	
10	$-30 > -x - 30$	