

Name : _____

Linear Inequalities

L1S1

A) Observe the inequalities and complete the table.

Inequality	Is the boundary line dashed or solid?	Is the shaded region above or below the boundary line?
$y > 2x + 3$		
$y \leq 4x - 2$		
$y < 2x$		
$y > -x - 5$		
$y \geq -3x$		

B) Analyze the properties and complete the inequality.

Boundary line	Shaded region	Inequality
Solid	Below	y <input type="text"/> $-3x + 7$
Dashed	Above	y <input type="text"/> $-9x - 2$
Solid	Above	y <input type="text"/> 4
Dashed	Below	y <input type="text"/> $10x + 1$
Dashed	Above	y <input type="text"/> $-5x + 6$