Name : _____

Linear Inequalities

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?
$9x + 4y \geq -5$		
$-3x - y > 8$		
$y - 2 \leq -2x$		
$-6x \geq -10 - 7y$		
$y - 8x < 0$		

B) Analyze the pro

Boundary line		Inequality
Dashed		$- 6x$ ☐ 3
Solid		$+ 4x$ ☐ -7
Dashed	Below	$-9x - 10$ ☐ $-y$
Solid	Below	x ☐ $6 - 5y$
Dashed	Above	$- 5 + y$ ☐ $7x$