

Name : \_\_\_\_\_

## Linear Inequalities

L1S2

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?
$y \leq x - 4$		
$y \geq -6x + 1$		
$y > -8x$		
$y \geq -7x - 5$		
$y < 5x + 9$		

# PREVIEW

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B) Analyze the problem

Boundary line		Inequality
Dashed		<input type="checkbox"/> $-5$
Solid		<input type="checkbox"/> $-x - 3$
Dashed	Above	$y$ <input type="checkbox"/> $8x - 1$
Solid	Below	$y$ <input type="checkbox"/> $2x + 9$
Solid	Above	$y$ <input type="checkbox"/> $-7x + 4$