Name:		Date:	
	Learning Goal 9.1	Solving linear inequalities.	
Graphing Linear Inequalities			
Solution Regio	n	Boundary	
Example Graph (-2, 4) is part c	$2x + 3y \le 6$ and dete of the solution.	rmine whether	
		Example Graph $10x - 5y > 0$.	
Assignment	-10 y	p. 471 #1 – 4, 6, 8, 9, 11, 13, 17 C	uiz Next Day!

Example Write and inequality to represent the graph.



Example Sam has \$30 to buy snacks for his class. Apples cost \$0.75 each and muffins are \$1.25.

a. Define the variables and write a linear equation to represent the possible combinations of snacks that he can purchase.

b. Are there any restrictions on the variables? Explain.



c. Graph your equation and shade the solution region.

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