Name	D	ate	_ Class	
Maximu	ım Texts	Allowed		
Kayla's cell phone plan has	a fixed fee o	of \$45 per montl	n plus \$0.10 per	
text message. Kayla's mom	said she wo	uld take away t	he phone if she	
spent more than \$60 on her	phone servi	ce this month.		
a) Write an expression that can b	e used to repre	sent Kayla's cell ph	none plan.	
Expression				
b) Write an inequality to represent receive to stay within her budget	it the number of and keep her pl	text messages tha none.	t Kayla can send or	
Inequality		nagamana pelistatan menagan pengelapi penada alipitat Manasa pinda da		
c) Kayla's mom says that Kayla can send 150 texts before going over the \$60. Is Kayla's mom correct? Justify your answer using mathematical reasoning, and show how many texts Kayla can send on the number line below.				
			>	
			·	

a. $4x - 3 + x + 8 > 20$	and express in set notation. b. $-11y - 13 \ge 42$	
	•	
• •		
c. $23 \le 10 - 2w$	d. $\frac{2x}{3} + 5 > -3$	
	3	
and the state of t	· Agreement a common co	

