

NAME: _____

Multi-Step Inequalities "MATH LIB"!

Directions: Solve the inequality at each station. Identify your answer and fill in the blanks on the back to complete the math lib story!

1 $6(x-5) > 3(x-1)$

2 $5x - (13-x) \geq 9x - 7$

3 $6(3x-7) \leq 7x+13$

4 $10(x+4) < 8x - (x+2)$

5 $-5 - (14x-1) < 2(7x-16)$

6 $6x - 5(2x+9) \leq 2x+3$

7 $2(6x-10) \leq 31 - 3(5-3x)$

8 $4 - 6(x+2) > 2(x-5) + 2$

9 $-5(x-6) \leq -3(x+7) + x$

10 $5x - (9x+14) < 3(x+10) - 2$