Algebra 1 5.3 *7th grade standard Solve multi-step linear inequalities*
Use the distributive property to solve linear inequalities*

2A.
$$23 \ge 10 - 2w$$

$$-70 - 70$$

$$13 \ge -2w$$

$$-6.5 \le W$$

2B. 43 > -4y + 11

GuidedPractice

3. Two more than half of a number is greater than twenty-seven.

Example 4 Distributive Property

Solve $4(3t-5)+7 \ge 8t+3$. Graph the solution on a number line.

4A. $6(5z - 3) \le 36z$

4B. 2(h+6) > -3(8-h)

b. $3(4m+6) \le 42 + 6(2m-4)$

Solve each inequality. Check your solution.

5A.
$$18 - 3(8c + 4) \ge -6(4c - 1)$$
 5B. $46 \le 8m - 4(2m + 5)$

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