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| \*Learning Target: |
| \*Critical Content: |

\*REMEMBER: When solving equations (or inequalities!) always do \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ first!

Ex2: Solve . Graph the solution on a number line.

Ex1: Write and solve an inequality to find the sales Mrs. Jones needs if she earns a monthly salary of $2,000 plus a 10% commission on her sales. Her goal is to make at least $4,000 per month. What sales does she need to meet her goal?

Ex3: Define a variable, write an inequality, and solve the following problem:   
Five minus six times a number is more than four times the number plus 45.

Ex4: Solve . Ex4a: Solve

Ex5a: Solve Ex5b: Solve Ex5b: Solve

\*Inequality results in a \_\_\_\_\_\_\_\_\_\_\_ statement, the solution set is the \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.

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