**ALGEBRA ONE NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**REAL-WORLD INEQUALITIES PRACTICE B**

For # 1-4**, write** an inequality to model each scenario. Then **solve** the inequality and **graph** the solution.

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| 1. Eight less than a number is at most fourteen.   Let n = the number | 1. City Bank requires a balance of $1500 to have free checking. If Dave has $2075 in his account, how much can he write checks for before his account will be charged a fee? |
| 1. The floor area of a rectangular walk-in closet must be less than 85 square feet. If the length is 20 feet, what is the width? | 1. The total of girls and boys in any classroom can be no more than 33. If there are 21 girls in a class, how many boys can be added? |

Solve each inequality below. Show all steps to your solution process.

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