Name _

ESSON 5.4

LESSON 5.4

Practice B

For use with the lesson "Solve Compound Inequalities"

Translate the verbal phrase into an inequality. Then graph the inequality.

1. All real numbers that are less than or equal to -3 and greater than or equal to -8



2. All real numbers that are greater than 5 *or* less than or equal to -1



3. All real numbers that are greater than or equal to -2.5 and less than 3.5

Solve the inequality. Graph your solution.



Date __

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- **a.** Find the minimum distance *d* between your home and the gym.
- **b.** Find the maximum distance *d* between your home and the gym.
- **c.** Write an inequality that describes the possible distances *d* between your home and the gym.

