**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_**

|  |  |
| --- | --- |
| *Solve each absolute value inequality. Graph the solution set and state it using set builder notation.*  Solving Absolute Value Inequalities HW | |
| **1.** | **2.** |
| **3.** | **4.** |
| 5. | 6. |
| 7. | 8. |
| 9. | 10. |
| 11. | 12. |
| 13. | **14.** For a door to meet specifications at a carpentry shop, the width must be within inch of the expected width of the door. The shop gets an order for doors that are 4 feet wide. Which of the following is an inequality that expresses the range of widths for acceptable doors?  **A.**  **B.**  **C.**  **D.** |