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| **Cornell Notes** | **Topic/Objective: Module 11** | | **Name:** |
| Equations and Relationships | | **Class/Period:** |
|  | | **Date:** |
| **Essential Question:** How do you write equations and determine whether a number is a solution of an equation? How do you solve equations that contain addition or subtraction? How do you solve equations that contain multiplication or division? How can you use inequalities to represent real-world constraints or conditions? | | | |
| **Questions:** | | **Notes:**  **11.1**  **Equation:**  **Solution:**  **Writing Equations to Represent Situations:**  **Writing an Equation and Checking Solutions:**  **11.2**  **Subtraction Property of Equality:**  **Addition Property of Equality:** | |
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| **Summary:** | | | |
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| **Questions:** | | **Notes:**  **11.3**  **Division Property of Equality:**  **Multiplication Property of Equality:**  **11.4**   |  |  |  | | --- | --- | --- | | **Symbol** | **Meaning** | **Word Phrase** | |  |  |  | |  |  |  | |  |  |  | |  |  |  |   **Solution of an inequality:**  **Graphing the solutions to each inequality**  **1. Use a \_\_\_\_\_\_\_\_\_\_ circle for an inequality that uses \_\_\_\_\_\_ or \_\_\_\_\_\_\_**  **2. Use an \_\_\_\_\_\_\_\_\_\_\_ circle for an inequality that uses \_\_\_\_\_\_\_\_ or \_\_\_\_\_\_** | |
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| **Summary:** | | | |
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