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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8001  Instruction/Practice: Scientific Notation |  |  |  |
| M8003  Instruction/Practice: Rational and Irrational #’s |  |  |  |
| M8017  Instruction/Practice 1: Roots |  |  |  |
| M8018  Independent Practice 1: Roots |  |  |  |
| M8020  Instruction/Practice 2: Roots |  |  |  |
| M8021  Independent Practice 2: Roots |  |  |  |
| M8081  Instruction/Practice 1: Expressions |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8082  Independent Practice 1: Expressions |  |  |  |
| M8083  Activity Quiz 1: Expressions |  |  |  |
| M8093  Instruction/Practice 1: Expressions and Equations |  |  |  |
| M8094  Independent Practice 1: Expressions and Equations |  |  |  |
| M8095  Activity Quiz 1: Expressions and Equations |  |  |  |
| M8096  Instruction/Practice 2: Expressions and Equations |  |  |  |
| M8097  Independent Practice 2: Expressions and Equations |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8098  Activity Quiz 2: Expressions and Equations |  |  |  |
| MA8065  Instruction: Solving Equations with Variables on Both Sides |  |  |  |
| MA8067  Independent Practice: Solving Equations with Variables on Both Sides |  |  |  |
| QZMA8068  Quiz: Solving Equations with Variables on Both Sides |  |  |  |
| M8111  Instruction/Practice 1: Inequalities |  |  |  |
| M8112  Independent Practice 1: Inequalities |  |  |  |
| M8114  Instruction/Practice 2: Inequalities |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8115  Independent Practice 2: Inequalities |  |  |  |
| MA8081  Instruction: Analyzing Systems of Equations |  |  |  |
| MA8082  Supported Practice: Analyzing Systems of Equations |  |  |  |
| MA8083  Independent Practice: Analyzing Systems of Equations |  |  |  |
| MA8085  Problem Solving: Solving Real-World Problems Involving Systems |  |  |  |
| MA8086  Supported Practice: Solving Real-World Problems Involving Systems |  |  |  |
| QZMA8088  Quiz: Solving Real-World Problems Involving Systems |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8127  Instruction/Practice 1: Congruent and Similar |  |  |  |
| M8128  Independent Practice 1: Congruent and Similar |  |  |  |
| M8130  Instruction/Practice 2: Congruent and Similar |  |  |  |
| M8131  Independent Practice 2: Congruent and Similar |  |  |  |
| M8117  Instruction/Practice: Geometric Properties |  |  |  |
| M8118  Activity Quiz: Geometric Properties |  |  |  |
| M8133  Instruction/Supported Practice 1: Transformations |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8134  Independent Practice 1: Transformations |  |  |  |
| M8135  Activity Quiz 1: Transformations |  |  |  |
| M8136  Instruction/Practice 2: Transformations |  |  |  |
| M8137  Independent Practice 2: Transformations |  |  |  |
| M8138  Activity Quiz 2: Transformations |  |  |  |
| M8189  Instruction/Practice 1: Equations to Lines |  |  |  |
| M8190  Independent Practice 1: Equations to Lines |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8191  Activity Quiz 1: Equations to Lines |  |  |  |
| M8192  Instruction/Practice 2: Equations to Lines |  |  |  |
| M8193  Independent Practice 2: Equations to Lines |  |  |  |
| M8194  Activity Quiz 2: Equations to Lines |  |  |  |
| M8506  Supported Practice: Explore Slope-Intercept Form |  |  |  |
| M8272  Supported Practice: Explore Linear Relationships |  |  |  |
| M8215  Instruction/Practice 1: Find a Function Rule |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8216  Independent Practice 1: Find a Function Rule |  |  |  |
| M8217 Activity Quiz 1: Find a Function Rule |  |  |  |
| M8213  Instruction/Practice: Write Equations in Slope-Intercept Form |  |  |  |
| M8214  Activity Quiz: Write Equations in Slope-Intercept Form |  |  |  |
| M8207  Instruction/Practice 1: Slope of a Line |  |  |  |
| M8208  Independent Practice 1: Slope of a Line |  |  |  |
| M8209  Activity Quiz 1: Slope of a Line |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8210  Instruction/Practice 2: Slope of a Line |  |  |  |
| M8211  Independent Practice 2: Slope of a Line |  |  |  |
| M8212  Activity Quiz 2: Slope of a Line |  |  |  |
| M8205  Instruction/Practice: x- and y- Intercepts |  |  |  |
| M8206  Activity Quiz: x- and y- Intercepts |  |  |  |
| MA8109  Instruction: Constructing Linear Functions |  |  |  |
| MA8110  Supported Practice: Constructing Linear Functions |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| MA8111  Independent Practice: Constructing Linear Functions |  |  |  |
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This coming year you will be going from 7th grade into the 8th grade honors group. This means you will be “skipping” 8th grade math material and going into 9th grade math material. Compass summer homework is being done in order to better prepare you for the quick “recap” of 8th grade material we will do at the beginning of this next year. You need to complete all sections. After each section you will then log what you did for that section with a small recap/reflection on that section. The tables below are set up for you to be able to keep track of what you did and how you felt on that topic/material. You must complete this and hand it in on the first day of the 2015-2016 school year. **Remember! You will be taking a regents exam next year.** Don’t start of the year behind everyone else. If you don’t complete this assignment, do not forget that you can be taken out of the honors group at any point in time if you aren’t showing the characteristics of an honors student.

To complete the summer homework you need to go to:

**compass.rcsdk12.org**

*Username: last 6 digits of 890#*

*Password: First Initial and Last Initial (both capitalized) along with year of birth*