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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8001Instruction/Practice: Scientific Notation |  |  |  |
| M8003Instruction/Practice: Rational and Irrational #’s |  |  |  |
| M8017Instruction/Practice 1: Roots |  |  |  |
| M8018Independent Practice 1: Roots |  |  |  |
| M8020 Instruction/Practice 2: Roots |  |  |  |
| M8021Independent Practice 2: Roots |  |  |  |
| M8081Instruction/Practice 1: Expressions |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8082Independent Practice 1: Expressions |  |  |  |
| M8083Activity Quiz 1: Expressions |  |  |  |
| M8093Instruction/Practice 1: Expressions and Equations |  |  |  |
| M8094Independent Practice 1: Expressions and Equations |  |  |  |
| M8095Activity Quiz 1: Expressions and Equations |  |  |  |
| M8096Instruction/Practice 2: Expressions and Equations |  |  |  |
| M8097Independent Practice 2: Expressions and Equations |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8098Activity Quiz 2: Expressions and Equations |  |  |  |
| MA8065Instruction: Solving Equations with Variables on Both Sides |  |  |  |
| MA8067Independent Practice: Solving Equations with Variables on Both Sides |  |  |  |
| QZMA8068Quiz: Solving Equations with Variables on Both Sides |  |  |  |
| M8111Instruction/Practice 1: Inequalities |  |  |  |
| M8112Independent Practice 1: Inequalities |  |  |  |
| M8114Instruction/Practice 2: Inequalities |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8115Independent Practice 2: Inequalities |  |  |  |
| MA8081Instruction: Analyzing Systems of Equations |  |  |  |
| MA8082Supported Practice: Analyzing Systems of Equations |  |  |  |
| MA8083Independent Practice: Analyzing Systems of Equations |  |  |  |
| MA8085Problem Solving: Solving Real-World Problems Involving Systems  |  |  |  |
| MA8086Supported Practice: Solving Real-World Problems Involving Systems |  |  |  |
| QZMA8088Quiz: Solving Real-World Problems Involving Systems |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8127Instruction/Practice 1: Congruent and Similar |  |  |  |
| M8128Independent Practice 1: Congruent and Similar |  |  |  |
| M8130Instruction/Practice 2: Congruent and Similar |  |  |  |
| M8131Independent Practice 2: Congruent and Similar |  |  |  |
| M8117Instruction/Practice: Geometric Properties |  |  |  |
| M8118Activity Quiz: Geometric Properties |  |  |  |
| M8133Instruction/Supported Practice 1: Transformations |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8134Independent Practice 1: Transformations |  |  |  |
| M8135Activity Quiz 1: Transformations |  |  |  |
| M8136Instruction/Practice 2: Transformations |  |  |  |
| M8137Independent Practice 2: Transformations |  |  |  |
| M8138Activity Quiz 2: Transformations |  |  |  |
| M8189Instruction/Practice 1: Equations to Lines |  |  |  |
| M8190Independent Practice 1: Equations to Lines |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8191Activity Quiz 1: Equations to Lines |  |  |  |
| M8192Instruction/Practice 2: Equations to Lines |  |  |  |
| M8193Independent Practice 2: Equations to Lines |  |  |  |
| M8194Activity Quiz 2: Equations to Lines |  |  |  |
| M8506Supported Practice: Explore Slope-Intercept Form |  |  |  |
| M8272Supported Practice: Explore Linear Relationships |  |  |  |
| M8215Instruction/Practice 1: Find a Function Rule |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8216Independent Practice 1: Find a Function Rule |  |  |  |
| M8217 Activity Quiz 1: Find a Function Rule |  |  |  |
| M8213Instruction/Practice: Write Equations in Slope-Intercept Form |  |  |  |
| M8214Activity Quiz: Write Equations in Slope-Intercept Form |  |  |  |
| M8207Instruction/Practice 1: Slope of a Line |  |  |  |
| M8208Independent Practice 1: Slope of a Line |  |  |  |
| M8209Activity Quiz 1: Slope of a Line |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| M8210Instruction/Practice 2: Slope of a Line |  |  |  |
| M8211Independent Practice 2: Slope of a Line |  |  |  |
| M8212Activity Quiz 2: Slope of a Line |  |  |  |
| M8205Instruction/Practice: x- and y- Intercepts |  |  |  |
| M8206Activity Quiz: x- and y- Intercepts |  |  |  |
| MA8109Instruction: Constructing Linear Functions |  |  |  |
| MA8110Supported Practice: Constructing Linear Functions |  |  |  |

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| **Name of Topic w/Task** | **Date Completed** | **Grade Received** | **Reflection** |
| MA8111Independent 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*