Capacity Matrix

CCSS Grade 7

**Measurement Topic:**

**Module 3: Expressions and Equations**

Name:

LF:

Start Date:

Target Completion Date:

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| **Level** | **Learning Target (use these targets to form your Learning Goals)**  | **Target Dates** | **Practice/Evidence****Task Name Scores and Dates** | **LF****Initials** |
| #1L2 | **1. LWBATU-**  numeric expression, algebraic equation, rational number, equation, inequality, variable, constant, solution, simplify, convert, graph, maximum, minimum |  |  |  |
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| #2L3 | **2. LWBAT-** Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients. **(M.7.EE.1)** |  | Record and Practice Journal: 3.1, 3.2 |  |
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| #3L3 | **3. LWBAT-** Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related**. (M.7.EE.2)** |  | Record and Practice Journal: 3.1, 3.2 |  |
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| #4L3 | **4. LWBAT-**  Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. **(M.7.EE.3)** |  | Record and Practice Journal: 6.1, 6.2, 6.4 |  |
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| #5L3 | **5. LWBAT-**  Solve word problems leading to equations of the form *px+q=r* and *p(x+q)=r*, where *p*, *q*, and *r* are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach. **(M.7.EE.4a)** |  | Record and Practice Journal: 3.3, 3.4, 3.5 |  |
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| #6L3 | **6. LWBAT-**  Solve word problems leading to inequalities of the form *px+q>r* or *px+q<r*, where *p*, *q*, and *r* are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem. **(M.7.EE.4b)** |  | Record and Practice Journal: 4.1, 4.2, 4.3, 4.4 |  |
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