

Unit 4: Equations

<p>LEVEL 5:</p> <p>I can design and produce an artifact to demonstrate my mastery of the addition and subtraction of rational numbers.</p>	<p>5A Self-Guided Project</p> <p>Need: Self-Guided Project Template/Approval Page</p> <p>Assessment: Approved Assessment Method as stated in Template</p>			
<p>LEVEL 4:</p> <p>I can critique solutions and assess the reasonableness of answers.</p> <p>I can solve challenge equations.</p>	<p>4A Algebra Preview Assignment</p> <p>Need: -Algebra Preview Wkst -Calculator</p> <p>1: Complete each problem, checking answers at each Checkpoint. Refer to the examples for extra help.</p> <p>Assessment: Show completed questions to teacher</p>	<p>4B Two-Variable Linear Equations Intro (Khan Academy)</p> <p>Need: -Chromebook -Blank Notebook Paper (for any necessary note-taking)</p> <p>1: Complete the lesson at: https://www.khanacademy.org/math/algebra/two-variable-linear-equations/solutions-to-two-variable-linear-equations/v/2-variable-linear-equations-graphs</p> <p>2: Be sure you have completed all six components of this lesson (4 videos and 2 sets of practice questions). Each time you finish a set of practice questions, show your results to the teacher.</p> <p>Assessment: Show completed work to teacher</p>		
<p>LEVEL 3:</p> <p>I can interpret real-world scenarios to write and solve equations.</p> <p>I can estimate reasonable answers.</p>	<p>3A Solving Equations in Real-World Scenarios</p> <p>Need: -Solving Equations in Story Problems Wkst</p> <p>1: Follow the directions on the worksheet, checking and correcting answers as instructed.</p> <p>Assessment: Show completed worksheet to teacher</p>	<p>3B Review</p> <p>Need: -3B Review Sheet (Adv: Get orange; Reg: Get blue)</p> <p>1: Complete each problem and check answers at each checkpoint before moving on to the next section.</p> <p>2: If you still have areas of concern, ask for additional practice problems related to your trouble areas.</p> <p>Assessment: Show completed worksheet to teacher</p>	<p>PROVE MASTERY Summative Assessment (<u>Test</u>)</p> <p>Successful completion of Edulastic Unit 4 3C Equations Test (Retake if below 80%)</p>	
<p>LEVEL 2:</p> <p>I can solve multi-step equations.</p> <p>I can use the Distributive Property to rewrite and solve equations.</p> <p>I can compare and contrast algebraic solutions to arithmetic solutions.</p>	<p>2A Distributive Property to Solve</p> <p>Need: -Chromebook -Distributive Property Guided Practice Wkst</p> <p>1: Watch and complete wkst: https://learnzillion.com/lesson_plans/7792-solve-multi-step-equations-using-the-distributive-property</p>	<p>2B Leveled Questions</p> <p>Need: Leveled Practice Wkst (Adv: Get orange; Reg: Get blue)</p> <p>1: Complete each problem, checking answers at each Checkpoint. Refer to the examples for extra help.</p> <p>Assessment:</p>	<p>2C Video Activity</p> <p>Need: -Chromebook -2C Solving With and Without Equations Video Notes</p> <p>1: Go to https://drive.google.com/file/d/1nbCP8DA4TNF85ijUYz2EkVqrxOqsP88B/view</p>	<p>2D: PROVE MASTERY</p> <p>Successful completion of Edulastic Unit 4 2D Mini-Quiz (Retake if below 80%)</p>

	<p>2: Check Independent Practice answers and make corrections before moving on.</p> <p>Assessment: -Show completed notes to teacher</p>	<p>Show completed questions to teacher</p>	<p>2: Watch the 2C video while filling in the video notes and completing the built-in questions.</p> <p>Assessment: Show the completed video notes to teacher</p>	
<p>LEVEL 1:</p> <p>I can solve one-step equations.</p> <p>I can solve two-step equations.</p> <p>I can define terms related to solving equations and inequalities.</p>	<p>1A One-Step Equations</p> <p>Need: -Chromebook -Unit 4 1A Guided Notes</p> <p>1: Watch and complete notes: https://www.youtube.com/watch?v=13XzepN03KQ</p> <p>2: Watch and complete notes: https://www.youtube.com/watch?v=Qyd_v3DGzTM</p> <p>3: Choose "Learn" and practice until ready for "Test": https://quizlet.com/239598903/solving-1-step-equations-flash-cards/</p> <p>Assessment: -Show completed notes to teacher -Quizlet "Test" (Show teacher score \geq 85%)</p>	<p>1B Two-Step Equations</p> <p>Need: -Chromebook -Unit 4 1B Guided Notes</p> <p>1: Watch and complete notes: https://www.youtube.com/watch?v=LDliYKYvvdA</p> <p>2: Click "Start!" then "Practice Mode" until score is \geq 15: http://www.xpmath.com/forums/arcade.php?do=play&gameid=64</p> <p>Assessment: -Show completed notes to teacher -XPMath Practice (Show teacher score \geq 15)</p>	<p>1C One- and Two-Step Equations Practice</p> <p>Need: Two-Step Equations Wkst</p> <p>1: Complete both sides of the worksheet, checking your answers at each Checkpoint before moving on.</p> <p>Assessment: Two-Step Equations Worksheet (Show teacher successful completion after all Checkpoints)</p>	<p>1D: PROVE MASTERY</p> <p>Successful completion of Edulastic Unit 4 1D Quiz (Retake if below 80%)</p>