Algebra Review 1- Linear Functions Simplifying & Solving

Standard: A-REI.B.3 A-REI.C.6

GLOs: #1-Self Directed Learner & #4-Quality Producer

<u>Math Practices:</u> - Attend to Precision -Look for and express regularity in repeated reasoning

HW#1: Alg Rev 1 ws #1-3

Learning Target:

• What is the process for solving an equation for x?

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Aug 2-3:12 PM



(erase to show) **Solving Linear Equations** Use the **distributive** property to **clear** 1. any grouping symbols. 2. Use the addition and subtraction **property** of equality to get all terms containing the variable on <u>one</u> <u>side</u> of the equation and all other terms on the other side, combining **like terms** along the way. Use the multiplication and division property of 3. equality to **isolate** the variable. Check the solution by substituting into the 4. original equation. Solve the equation. $\frac{2}{3}\left(4x+\frac{1}{2}\right)=\left(3x-\frac{5}{2}\right)$ 6) -x+5=6 $\frac{\sqrt{2}}{2} + (+1) +$ 6 = 6

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