Algebraic Properties Card Sort

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| **Equation** | *A statement that two expressions are equal.* |  |
| **Inverse Operations** | *Two operations that undo each other.* | Addition and Subtraction |
| **Equivalent Equations** | *Equations that have the same solutions.* |  |
| **Addition Property**  **of Equality** | *Adding the same number to each side of an equation produces an equivalent equation.*  *If a=b, then a + c = b + c.* |  |
| **Subtraction Property**  **of Equality** | *Subtracting the same number from each side of an equation produces an equivalent equation.*  *If a=b, then a – c = b – c.* |  |
| **Multiplication Property**  **of Equality** | *Multiplying each side of an equation by the same nonzero number produces an equivalent equation.*  *If a=b, then .* |  |
| **Division Property**  **of Equality** | *Dividing each side of an equation by the same nonzero number produces an equivalent equation.*  *If a=b, then .* |  |