equation

Lesson 15-1

Addition Property of Equality

Lesson 15-1

Subtraction Property of Equality

Lesson 15-1

inverse operations

Lesson 15-1

Multiplication Property of Equality

Lesson 15-2

Division Property of Equality

Lesson 15-2

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Definitions page, cut out the cards, and have students write the words on the other side of the cards.

Addition Property of Equality

The same number can be added to both sides of an equation and the sides remain equal.

equation

A number sentence that uses an equal sign to show that two expressions have the same value.
Example: $9 + 3 = 12$

inverse operations

Operations that undo each other.
Example: Adding 6 and subtracting 6 are inverse operations.

Subtraction Property of Equality

The same number can be subtracted from both sides of an equation and the sides remain equal.

Division Property of Equality

Both sides of an equation can be divided by the same nonzero number and the sides remain equal.

Multiplication Property of Equality

Both sides of an equation can be multiplied by the same nonzero number and the sides remain equal.

Name _____

inequality

Lesson 15-3

solution of an inequality

Lesson 15-3

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Definitions page, cut out the cards, and have students write the words on the other side of the cards.   Topic 15   **15**

solution of an inequality

Any number that makes
an inequality true.

inequality

A mathematical sentence
that contains one of the
symbols $>$, $<$, $\geq$, or $\leq$.