

Linear Equations 1

Terms to Know

equation - a math statement with two expressions that have the same value
- the two expressions are separated by an equal sign

variable - a letter that represents an unknown number

constant - a number that does not change

$$-3x + 5$$

coefficient - a number that multiplies the variable

linear equation - an equation whose graph is a straight line

opposite operation - math operation that undoes another operation
- aka inverse operation

distributive property - the rule that states $a(b+c) = ab + ac$

Example - Solving One-Step Equations

Solve each of the following:

a) $6x = 12$

b) $-5b = -45$

c) $\frac{n}{3} = 7$

d) $\frac{w}{-2} = 9$



Complete the following:

Practice - Linear Equations 1A (evens)

Practice - Linear Equations 1B (evens)

Check your solutions using the key provided.