Basics

Variable - In simple terms a number holder. a number that can change

Evaluating Expressions

To evaluate an expression you have to substitute a number into each variable and solve the expression.

Exa.

Evaluate expression where t = 1 b = 8

t + 5b

(1) + 5(8)

1 + 40

41

Dependent and Independent Variables

Dependent variable - A variable where its value is determined by the independent variable.

Independent variable - A variable that doesn't have have it's value changed

In the equation y = 6x x is the independent and x is the dependent

Combining Like terms

Term - a number, variable, or the product of a variable and number.

Terms are usually separated by a + or - sign.

In a term that has a variable the number that that variable is being multiplied by is called the coefficient.

When combining terms with the same variable(known as like terms) add/subtract the coefficient.

2x + 5x = 7x

Equations

Equation - expression that has at least one variable, one number and an equal sign

Sponsored by **CrosswordCheats.com**
Learn to solve cryptic crosswords!
http://crosswordcheats.com