

# DC Math Class

---

## I. Addition and Subtraction of Positive and Negative Integers

### A. Addition:

- ◆ When adding like signs add and keep the same sign.
- ◆ When adding unlike signs take the difference of the absolute value and keep the sign of the larger.

### B. Subtraction:

- ◆ When Subtracting change the sign of the subtrahend and add as above.

## II. Multiplication and Division of Positive and Negative Integers

### A. Multiplication:

A positive times a positive is a positive  
A positive times a negative is a negative  
A negative times a positive is a negative  
A negative times a negative is a positive

- ◆ If the signs are the same the answer is positive.

### B. Division:

A positive divided by a positive is a positive  
A positive divided by a negative is a negative  
A negative divided by a positive is a negative  
A negative divided by a negative is a positive

- ◆ If the signs are the same the answer is positive.

## III. Fractions

## IV. Decimal Fractions

## V. Percents

## VI. Decimal Placement

## VII. Powers of 10

## VIII. Addition and Subtraction of Powers of 10

## IX. Multiplication and Division of Powers of 10

## X. Formula Manipulations