

MS Excel - FORMULAS

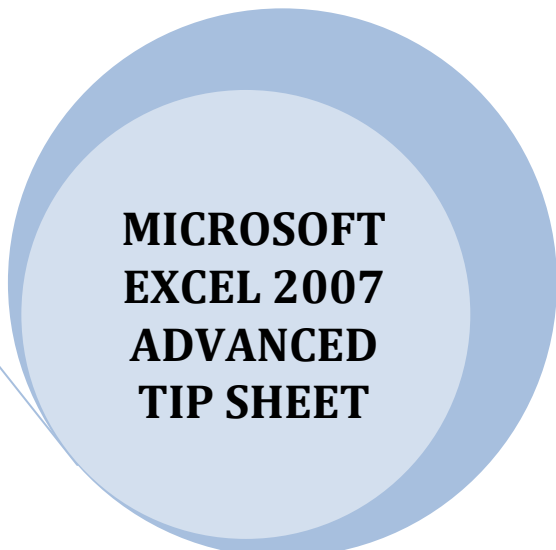
Writing formulas in spreadsheets require a bit of math knowledge. Simple formulas are based upon the order of operation (PEMDAS) – parenthesis, exponential, multiplication/division, addition/subtraction.

Operands are the values within the cells.

Operators are the mathematical symbols.

All formulas in a spreadsheet must begin with an equal sign (=).

Try keying these formulas in a spreadsheet and record the results..



MICROSOFT EXCEL 2007 ADVANCED TIP SHEET

Presented by: Theresa Twaddle, Business Teacher
Illini West High School District #307
Carthage, IL – July 2009

BASIC OPERATORS

+ (plus sign) Addition
- (dash) Subtraction
* (asterisk) Multiplication
/ (forward slash) Division
^ (carat) exponential

Formula	Result
=6*3	
=4*5/2-3+11	
=6^2/3-4*2+1	
=(5*4)/2+8	

MS Excel - FORMULAS cont'

Writing formulas in spreadsheets requires knowledge of cell referencing rather than values. There are two types of cell references, absolute and relative.

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Absolute Cell Reference are indicated by dollar signs (\$) and do not change as the location of the formula changes.

Relative Cell Reference makes the formula relative to the cells.

Mixed Cell Reference uses a combination of both absolute and cell references.

Examples of formulas when copied and pasted to another location in the spreadsheet.

