

Microsoft Excel 2007

Operators in Calculations



About Operators in Calculations

An operator is a special symbol that represents a mathematical operation within a formula (or Excel function), it is a basic element of a formula that is needed to complete the calculation. The following table shows the supported operators in Excel.

SYMBOL	OPERATOR	EXAMPLE
+ (plus sign)	Addition	(3+3) or (A1+A2)
- (minus sign)	Subtraction	(3-1) or (A1-A2)
/ (forward slash)	Division	(3/3) or (A1/A2)
* (asterisk)	Multiplication	(3*3) or (A1*A2)
% (percent sign)	Entering a percent sign after a number divides the number by 100 and formats the cell as percent	(90%)
& (ampersand)	Connects, or concatenates, two values to produce one continuous text value	(A1&A2) or ("Grade"&"book")
^ (caret)	Exponentiation	(3^2) or (A1^A2)
=	Equal to	(A1=B1)
>	Greater than	(A1>B1)
<	Less than	(A1<B1)
>=	Greater than or equal to	(A1>=B1)
<=	Less than or equal to	(A1<=B1)
<>	Not equal to	(A1<>B1)
: (colon)	Range (Produces one reference to all the cells between two references)	(B5:B15)
, (comma)	Union (Combines multiple cell or range references into one reference)	(SUM (B5:B15,D5:D15))
(single space)	Intersection (Produces one reference to cells common to two references)	(B7:D7 C6:C8)