PERFECT CALCTM

DELETING AND INSERTING









COPYING AND MOVING

The Copy Commands



The Yankback Commands



Copies an entry, line, column, or region from the Save Buffer to the spreadsheet, at, or beginning at, the position of the cursor, overwriting whatever data is already present.



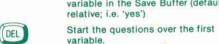
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Copies an entry, line or column (but not a region) from the Save Buffer throughout a defined region. Used in replicating formulas.

RELATIVE VS. ABSOLUTE VARIABLES

When vanking from the Save Buffer, you are asked whether each variable in a formula is relative to its position. Possible responses: v Yes, the relative variable should be adjusted for position.

Repeat previous answer for every variable in the Save Buffer (default =



No, the non-relative variable should be any other key copied with no change.

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SPREADSHEET DESIGN







- Causes numeric values to be displayed showing this number of decimal places.
- Causes numeric values to be displayed in scientific notation.
- Causes numeric values to be displayed in graphic notation.
- Causes formulas to be displayed at their entry positions.
- Causes numeric values to display in a dollars-and-cents format. Also uses commas for thousands.



RECALCULATION MODES



- Recalculate formulas by lines (this is the normal default mode).
- Recalculate formulas by columns.
- a Recalculate automatically whenever the value of a number or a formula entry is changed (this is the normal default mode).
- Recalculate the spreadsheet only upon a manual request to do so (i.e., when an 'exclamation point' (!) is typed.
- Update only the current defined region.

MULTIPLE BUFFERS AND FILES Associate Buffers and Files **Buffer Directory** Clear Memory READING AND WRITING FILES Save Files Save File Save Region Write File **Print File** Print Spreadsheet Print Region Read File Find File Read File MULTIPLE WINDOWS Create Two Windows



SPECIAL KEYS & EXITING





Perfect Calc[™]

PERFECT CALCTM

MOVING THE CURSOR

Forward Column

Backward Column

Next Line

Previous Line

Beginning of Line

End of Line



Top of Column



Bottom of Column



GOTO



SEARCH to next unlocked formula or number

MOVING THE SCREEN





Page Down





Page Left

MULTIPLE FILE DISPLAY



Create Two Windows



Switch to Other Window





Create One Window

MOVE OTHER WINDOW



Page Down 'Other Window'

Page Up 'Other Window'



Page Right 'Other Window'



Page Left 'Other Window'



Redraw Screen



Search Next Unlocked Entry (or ESCAPE----CTRL-----L for alternate command set)

ENTERING FORMULAS

= Starts Formula Entry

FORMULA OPERATORS

- A Raise to the power of
- * Multiplication
- / Division
- + Addition
- Subtraction

FORMULA BUILT-IN FUNCTIONS

Arithmetic Functions

abs(x) avg(x)

Absolute value Average or mean

count(range) exp(x)

The count of non-blank entries in a range

Computes e (the base of the natural logarithm) to the power of x.

int(x) In(x)

Finds the largest integer not exceeding x. Computes the natural logarithm (in base e)

log(x) lookup(x, range)

Computes the log (in base 10) of x. Searches for 'x' in the ranges specified, and returns the value held in the entry

position adjacent to 'x'.

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max(range) min(range) npv(range)

Finds the maximum value in a range. Finds the minimum value in a range.

Computes the net present value across the flow range specified, discounted at a rate

specified by 'x'.

Computes the square root of x. sqrt(x)

sum(range)

Computes the sum of a range of values.

Logical Functions

and(x,y)

or(x,y)

not(x)

Returns 'true' (the value 1) if both x and y are 'true' (i.e., x and y are both non-zero). Otherwise returns 'false' (the value 0).

Returns 'true' (the value 1) if either x or y are 'true' (i.e., either x or y is non-zero).

Otherwise returns 'false' (the value 0). if(x,y,z) Returns v. if x is 'true' (i.e. non-zero);

otherwise returns z. Returns 'true' (the value 1) if x is 'false' (i.e., 0). Otherwise returns 'false' (the value 0).

Trigonometric Functions

atan(x)

cos(x)

Computes the arc tangent (inverse tangent)

of x. (X must be in radians).

Computes the cosine of x. (X must be in radians.)

sin(x) Computes the sine of x. (X must be in

radians.)

Relational Operators

< Less than

< = Less than or equal to

Equal to <> Not equal to

Greater than or equal to

Greater than

Locking Formulas



Lock Formulas in Region



S Search Formula

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EDITING ENTRIES (Formula and Label)



Edit Entry

Associated strictly with the Edit Entry command are a set of editing commands that are exactly like those used in Perfect Writer. These commands only work whilie editing a formula.



Moves the cursor to the beginning of the prompt line.



Moves the cursor forward one character.



Deletes the character occupied by the cursor.





Other

CTRL

DEL

<CR>

Insert typed character.

Enter the modifications and return to

the spreadsheet.

DEFINING REGIONS



Set mark at current position. (After setting the mark, moving the cursor defines the region as the area between the mark and the cursor.)



Exchange Cursor and Mark Command

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