

BASIC version	I	II	III	IV	V	VI
Year	1964	1964	1966	1967	1969	1971
Statements						
LET	1 assign.	1 assign.	1 assign.	multiple	multiple	multiple
PRINT	,"A	;"A	;"A	;"	;"	;"
END	required	required	required	required	required	required
FOR..TO..[STEP..]	YES	YES	YES	YES	YES	YES
NEXT	YES	YES	YES	YES	YES	YES
GOTO	YES	YES	YES	YES	YES	YES
IF..THEN	YES	YES	YES	YES	YES	YES
IF..GOTO	NO	NO	NO	YES	YES	YES
DEF	1 arg	1 arg	1 arg	1 arg	many args	many args
READ	YES	YES	YES	YES	YES	YES
DATA	numbers	numbers	numbers	numb&str	numb&str	numb&str
array subscript start	1	0	0	0	0	0
GOSUB	one level	one level	one level	one level	one level	one level
RETURN	YES	YES	YES	YES	YES	YES
REM (also REMARK)	YES	YES	YES	YES	YES	YES
RESTORE	NO	NO	YES	*\$	*\$	*\$
INPUT	NO	NO	YES	YES	YES	YES
ON..GOTO	NO	NO	NO	YES	YES	YES
ON..THEN	NO	NO	NO	YES	YES	YES
ON..GOTO/THEN overflow	NO	NO	NO	halt	halt	halt
RANDOMIZE	NO	NO	NO	YES	YES	YES
CHANGE..TO	NO	NO	NO	YES	YES	YES
CHANGE..TO..BIT	NO	NO	NO	NO	YES	YES
' (apostrophe comment)	NO	NO	NO	NO	YES	YES
FILES	NO	NO	NO	NO	YES	NO
FILE	NO	NO	NO	NO	YES	YES
PRINT#	NO	NO	NO	NO	YES	YES
INPUT#	NO	NO	NO	NO	YES	YES
READ#	NO	NO	NO	NO	YES	YES
WRITE#	NO	NO	NO	NO	YES	YES
IF END	NO	NO	NO	NO	YES	YES
CALL	NO	NO	NO	NO	NO	YES
SUB	NO	NO	NO	NO	NO	YES
SUB END	NO	NO	NO	NO	NO	YES
MARGIN	NO	NO	NO	NO	NO	YES
PAGE	NO	cardbasic	supposedly yes	supposedly yes	supposedly yes	supposedly yes
MAT READ	NO	cardbasic	YES	YES	YES	YES
MAT PRINT	NO	cardbasic	YES	YES	YES	YES
MAT C=A+B	NO	cardbasic	YES	YES	YES	YES
MAT C=A-B	NO	cardbasic	YES	YES	YES	YES
MAT C=A*B	NO	cardbasic	YES	YES	YES	YES
MAT A=A*+-B A=B*+-A	NO	NO	NO	NO	NO	YES
MAT ZER	NO	cardbasic	YES	YES	YES	YES
MAT CON	NO	cardbasic	YES	YES	YES	YES
MAT IDN	NO	cardbasic	YES	YES	YES	YES
MAT TRN	NO	cardbasic	YES	YES	YES	YES
MAT INV / DET	NO	cardbasic	YES	YES	YES	YES
MAT C=(k)*A	NO	cardbasic	YES	YES	YES	YES
matrix subscript start	NO	1	0	1	1	1
MAT A=B	NO	NO	NO	YES	YES	YES
MAT INPUT / NUM	NO	NO	NO	YES	YES	YES
DOT	NO	NO	NO	NO	NO	NO
Functions						
SIN, COS, TAN, ATN	YES	YES	YES	YES	YES	YES
EXP, LOG	YES	YES	YES	YES	YES	YES
SQR	YES	YES	YES	YES	YES	YES
ABS	YES	YES	YES	YES	YES	YES
RND	arg required	arg required	arg required	arg not req.	arg not req.	arg not req.
INT	towards 0	towards 0	floor	floor	floor	floor
SGN	NO	NO	YES	YES	YES	YES
TAB	NO	NO	NO	YES	YES	YES
LOC	NO	NO	NO	NO	YES	YES
LOF	NO	NO	NO	NO	YES	YES
RESET	NO	NO	NO	NO	YES	YES
CHAIN	NO	NO	NO	NO	YES	YES
CLK\$	NO	NO	NO	NO	YES	YES
DAT\$	NO	NO	NO	NO	YES	YES
LEN	NO	NO	NO	NO	YES	YES
USR\$	NO	NO	NO	NO	YES	YES
STR\$	NO	NO	NO	NO	YES	YES
VAL	NO	NO	NO	NO	YES	YES
TIM	NO	NO	NO	NO	YES	YES
SEG\$	NO	NO	NO	NO	NO	YES
& (string concat)	NO	NO	NO	NO	NO	YES
POS	NO	NO	NO	NO	NO	YES
ASC (common usage)	NO	NO	NO	NO	NO	NO
CHR\$ (common usage)	NO	NO	NO	NO	NO	NO
COT (common usage)	NO	NO	NO	NO	NO	NO
Notes						
String variables	NO	NO	NO	YES	YES	YES
PRINT format (a.k.a. USING)	NO	NO	NO	NO	NO	YES
-X^2 interpreted as	(-X)^2	(-X)^2	(-X^2)	(-X^2)	(-X^2)	(-X^2)
A^B takes A	YES	YES	YES	YES	YES	YES

dib mode (version 1.0)	default	extended
Statements	(~III)	(~III +)
LET	required for 1 assignment	not required for multiple assignments
<i>variables indentifiers</i>	A..Z and A0..Z9	A..Z and A0..Z9
PRINT	; ""A	; ""A
END	required	not required
FOR..TO..[STEP..]	YES	YES
NEXT	YES	YES
GOTO	YES	YES
IF..THEN	YES (address)	YES (address + assignments)
IF..GOTO	NO	YES (address)
DEF	1 argument	multiple arguments
READ	YES	YES
DATA	numbers	numbers
<i>array subscript start</i>	0 1	0 1
<i>array variable identifier</i>	A..Z	A..Z and A0..Z9
GOSUB	1 level	80 levels
RETURN	YES	YES
REM (also REMARK)	YES	YES
RESTORE	YES	YES
INPUT	YES	YES
ON..GOTO	NO	YES
ON..THEN	NO	YES
<i>ON..GOTO/THEN overflow</i>	N / A	halt
RANDOMIZE	NO	YES
CHANGE..TO	NO	YES (strings to arrays)
CHANGE..TO..BIT	NO	NO
' (apostrophe comment)	YES	YES
FILES	NO	NO
FILE	NO	NO
PRINT#	NO	NO
INPUT#	NO	NO
READ#	NO	NO
WRITE#	NO	NO
IF END	NO	NO
CALL	NO	NO
SUB	NO	NO
SUB END	NO	NO
MARGIN	NO	NO
PAGE	YES	YES
DEG, RAD (common usage)	NO	YES
MAT READ	YES	YES
MAT PRINT	YES	YES
MAT C=A+B	YES	YES
MAT C=A-B	YES	YES
MAT C=A*B	YES	YES
MAT ZER	YES	YES
MAT CON	YES	YES
MAT IDN	YES	YES
MAT TRN	YES	YES
MAT INV / DET	YES	YES
MAT C=(k)*A	YES	YES
MAT A=B	NO	YES
DET(A)	NO	YES
FNORM, RNORM, CNORM	NO	YES
DOT(A,B)	NO	YES
MAT INPUT / NUM	YES	YES
<i>variable name as lvalue while rvalue</i>	NO	YES
<i>matrix consistent subscript start</i>	0 1	0 1
Functions		
SIN,COS,TAN,ATN	YES	YES
EXP,LOG	YES	YES
SQR,ABS	YES	YES
AND,OR,EQV,IMP operators	NO	YES
XOR and EOR operators	NO	YES
MOD and \ (integer division)	NO	YES
NOT	NO	YES
RND	YES, argument required	YES, argument not required
INT (integer part)	YES	YES
SGN	YES	YES
TAB	NO	YES
LOC	NO	NO
LOF	NO	NO
RESET	NO	NO
CHAIN	NO	NO
CLK\$	NO	NO
DAT\$	NO	NO
LEN	NO	NO
USR\$	NO	NO
STR\$	NO	NO
VAL	NO	NO
TIM	NO	NO
SEG\$	NO	NO
& (string concat)	NO	NO
POS	NO	NO
ASC (common usage)	NO	YES
CHR\$,SPC (common usage)	NO	YES
OPTION BASE (common usage)	NO	YES
PI (Greek pi)	NO	YES
FIX / FRAC (common usage)	NO	YES
MAX, MIN	NO	YES
ASN,ACS	NO	YES
SINH,COSH,TANH	NO	YES
ASNH,ACSH,ATNH	NO	YES
Notes		
String variables	NO	NO
PRINT format (a.k.a. USING)	NO	NO
-X^2 interpreted as	-(X^2)	-(X^2)
A^B takes A	YES	YES