OR

PURPOSE
Draws an OR gate (a logical device used in electronic circuit diagrams).

DESCRIPTION
The 2 pairs of coordinates define the (x,y) values for the middle back and the middle front (respectively) of the OR gate.

SYNTAX
OR <x1> <y1> <x2> <y2>
where <x1> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the middle back of the OR gate;
<y1> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the middle back of the OR gate;
<x2> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the middle front of the OR gate;
y2> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the middle front of the OR gate.

EXAMPLES
OR 50 50 60 50
OR 50 50 60 60
OR X1 20 X2 20

NOTE
The line style (i.e., SOLID, DASH), line color, and line thickness of the OR gate are controlled by the first entry of the LINE, LINE COLOR, and LINE THICKNESS commands respectively.

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
AND = Draws an AND gate.
NAND = Draws a NAND gate.
NOR = Draws a NOR gate.
MOVE = Moves to a point.
DRAW = Draws a line.
LINE = Sets the line type for figures and plot lines.
LINE THICKNESS = Sets the line thickness for figures and plot lines.
LINE COLOR = Sets the line colors for figures and plot lines.
CROSS-HAIR = Activates and reads the cross-hair.
TEXT = Writes a text string.

APPLICATIONS
Electronic circuit diagrams

IMPLEMENTATION DATE
Pre-1987
PROGRAM
LINE SOLID
LINE COLOR BLACK
LINE THICKNESS 0.2
OR 20 20 60 60
MOVE 20 70
TEXT OR COORDINATES (20,20), (60,60)