

PYRAMID**PURPOSE**

Draws a pyramid.

DESCRIPTION

The 3 pairs of coordinates define the (x,y) values for the vertices of the triangle that form the front of the pyramid.

SYNTAX

PYRAMID <x1> <y1> <x2> <y2> <x3> <y3>

where <x1> is a number or parameter in the range 0 to 100 that specifies the x coordinate for the first vertex;

<y1> is a number or parameter in the range 0 to 100 that specifies the y coordinate for the first vertex;

<x2> is a number or parameter in the range 0 to 100 that specifies the x coordinate for the second vertex;

<y2> is a number or parameter in the range 0 to 100 that specifies the y coordinate for the second vertex;

<x3> is a number or parameter in the range 0 to 100 that specifies the x coordinate for the third vertex;

and <y3> is a number or parameter in the range 0 to 100 that specifies the y coordinate for the third vertex.

EXAMPLES

PYRAMID 20 20 50 20 35 60

PYRAMID X1 Y1 X2 Y2 X3 Y3

NOTE 1

The line style (i.e., solid, dash), color, and thickness of the pyramid are controlled by the LINE, LINE COLOR, and LINE THICKNESS commands. The REGION FILL ON command can be used to generate solid filled pyramids. The REGION PATTERN command can be used to do a hatch pattern fill. Other REGION commands can be used to control how the fill is done.

NOTE 2

If you use a software font, pyramids can be embedded in text (e.g., the LEGEND or TEXT commands) by entering the string PYRA(). Pyramids can also be used as plot characters (e.g., CHARACTERS PYRAMID), in which case the attributes are set with the various CHARACTER commands.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

| | | |
|----------------|---|---|
| ARROW | = | Draws an arrow. |
| TRIANGLE | = | Draws a triangle. |
| BOX | = | Draws a box. |
| HEXAGON | = | Draws a hexagon. |
| CIRCLE | = | Draws a circle. |
| SEMI-CIRCLE | = | Draws a semi-circle. |
| ARC | = | Draws an arc. |
| ELLIPSE | = | Draws an ellipse. |
| OVAL | = | Draws an oval. |
| DIAMOND | = | Draws a diamond. |
| CUBE | = | Draws a cube. |
| 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. |
| REGION FILL | = | Specifies whether a figure is filled or not. |

