

Code a Magen David

Teacher Workbook 2



Shapes:

Circle: circle radius
circle 100

Ellipse: ellipse radius-x, radius-y
ellipse 50, 100

Square: square size
square 50

Rectangle: rectangle width, height
rectangle 50, 100

Triangle: polygon x1, y1, x2, y2
polygon -80, 160, 80, 160 (equilateral triangle)
polygon -40, 160, 40, 160 (isosceles triangle)

Lines:

Line: line x, y
line 100, 0 (line 100 horizontally from current point)
Line 0, 100 (line 100 vertically from current point)

Line to: lineTo x, y
lineTo 50, 300 (line from current point to new point)

Position:

Move: move x, y
move 50, 100 (move the cursor a certain distance away)

Move to: moveTo x, y
moveTo 50, 100 (move the cursor to a specific coordinate)

Color:

Background: background color
background blue

Stroke color and size: stroke color, size
stroke blue, 20 (changes the color and width of lines)