Graphics

Graphics[primitives, options] represents a two-dimensional graphical image.

Graphics is displayed using Show. The following primitives can be used:

- Point[{x, y}]  
- Line[{{x1, y1}, {x2, y2}]}]  
- Rectangle[{xmin, ymin}, {xmax, ymax}]  
- Polygon[{{x1, y1}, ..., {xn, yn}}]  
- CellArray[array]  
- Text[expr, {x, y}]  
- GrayLevel[i]  
- RGBColor[{r, g, b}]  
- PointSize[s]  
- Thickness[t]  
- Dashing[{d1, ..., dn}]

The following options can be given:

- AspectRatio 1/GoldenRatio ratio of height to width
- Axes None whether to include axes
- AxesLabel None axes labels
- DisplayFunction $DisplayFunction function for generating output
- Framed False whether to draw a frame
- PlotColor True whether to plot in color
- PlotLabel None a label for the plot
- PlotRange Automatic range of z values to include
- Ticks Automatic tick marks

Nested lists of graphics primitives can be given. The scope of specifications such as GrayLevel is the list that contains them. The standard print form for Graphics[...] is Graphics-InputForm prints the explicit list of primitives. See page 140. See also: Plot.