# `allthemath.org` Vol II Episode V – Python cheat sheet

## *Plotting:*

```
import pylab
```

`pylab.plot(`*`xValue, yValue`*`, 'bo')` to plot a point in blue

`pylab.plot(`*`xValue, yValue`*`, 'ro')` to plot a point in red

`pylab.arrow(`*`from_xValue, from_yValue,`*
*`to_xValue-from_xValue, to_yValue-from_yValue,`*
`head_width=.2, head_length=.5)` to draw an arrow between two points

`pylab.xlim(`*`minXValue, maxXValue`*`)` to set the x-axis range

`pylab.ylim(`*`minYValue, maxYValue`*`)` to set the y-axis range

`pylab.axhline(0)`, `pylab.axvline(0)` to draw axes

`pylab.show()` to display the plot