Matlab Graphics: Setting and Labelling Axis Ticks

Notes:

By using xTick, xTickLabel, yTick, and yTickLabel you can position and label tick marks along the axes. These define where the grid lines are when grid is on.

Example Script:

```
% Script File: ShowTicks
% How to set and label axis ticks.

close all
x = linspace(0,4*pi);
y = sin(x);
plot(x,y)
axis([0 4*pi -1.2 1.2])
% Define x-ticks and their labels.
set(gca,'xTick',0:pi/2:4*pi)
set(gca,'xTickLabel',{'0', '', 'pi', '', '2pi', '', '3pi', '', '4pi'})
% Define y-ticks and let them be auto-labelled...
set(gca,'yTick',-1:.5:1)
grid on
shg
```

Output:

