

In[35]:= **Clear[L];**

h = 2 * Pi;

m = 1;

En[n_, L_] := $\frac{h^2}{8 * m} * \frac{n^2}{L^2}$;

In[41]:= **En[2, L] - En[1, L]**

Out[41]= $\frac{3 \pi^2}{2 L^2}$

In[58]:= **EnL[L_] := $\frac{3 \pi^2}{2 L^2}$;**

**Plot[EnL[L], {L, 0, 100}, PlotLabel -> "E vs L",
AxesLabel -> {"L(a.u.)", "E(a.u.)"}]**

