In[15]:= **Plot[Sin[x], {x, 0, 2 * Pi}]**

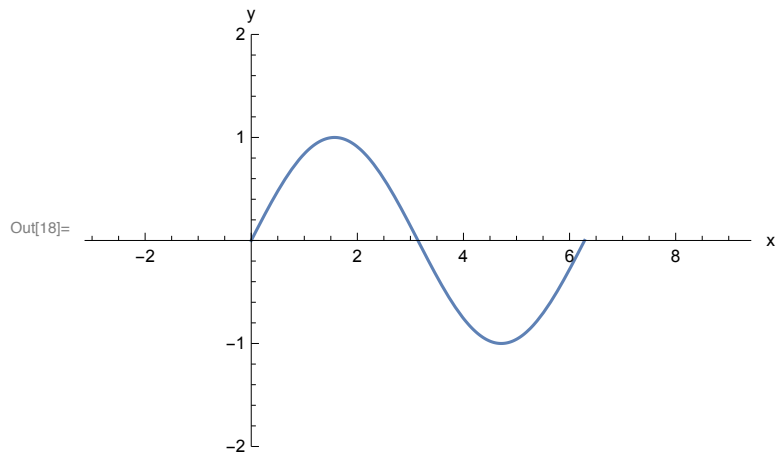Out[15]=

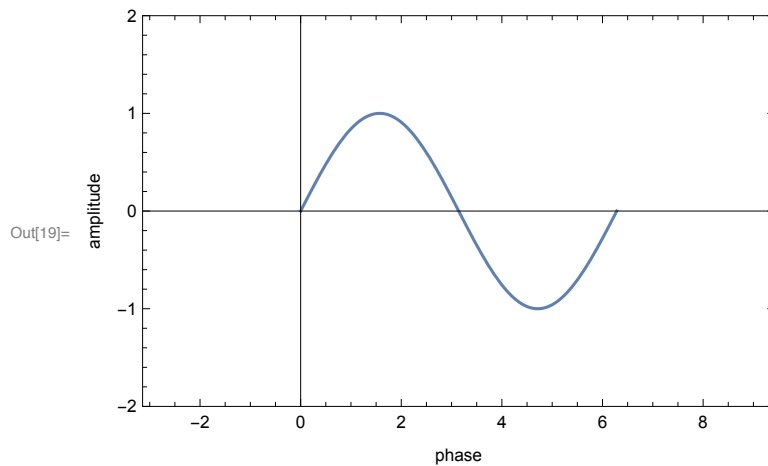In[16]:= **Plot[Sin[x], {x, 0, 2 * Pi}, PlotRange → {-2, 2}]**

Out[16]=
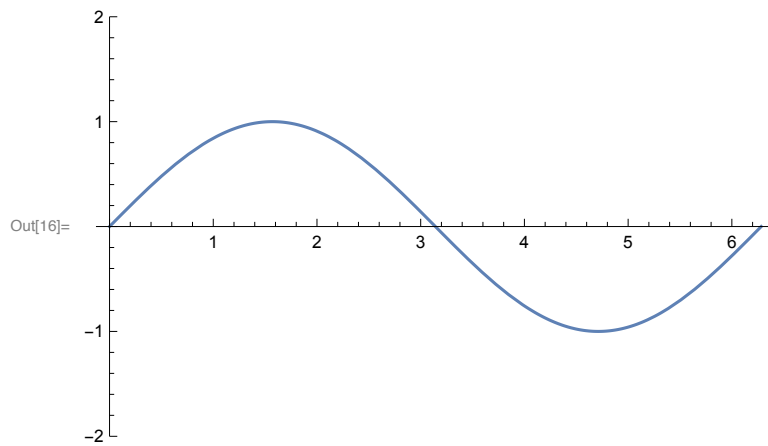
In[17]:= **Plot[Sin[x], {x, 0, 2 * Pi}, PlotRange → {{-Pi, 3 * Pi}, {-2, 2}}]**
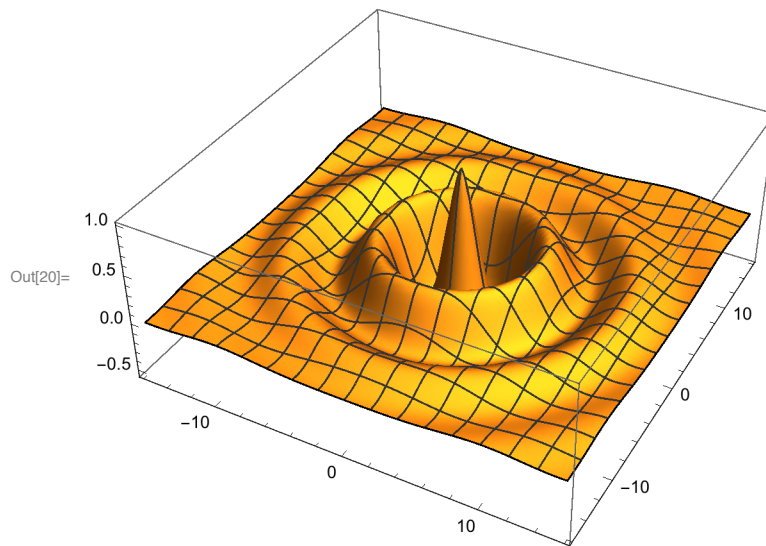
Out[17]=
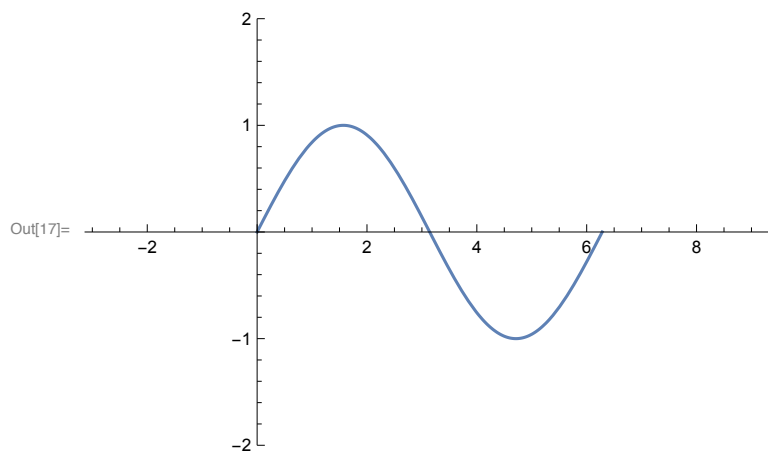
In[18]:= `Plot[Sin[x], {x, 0, 2 * Pi},`
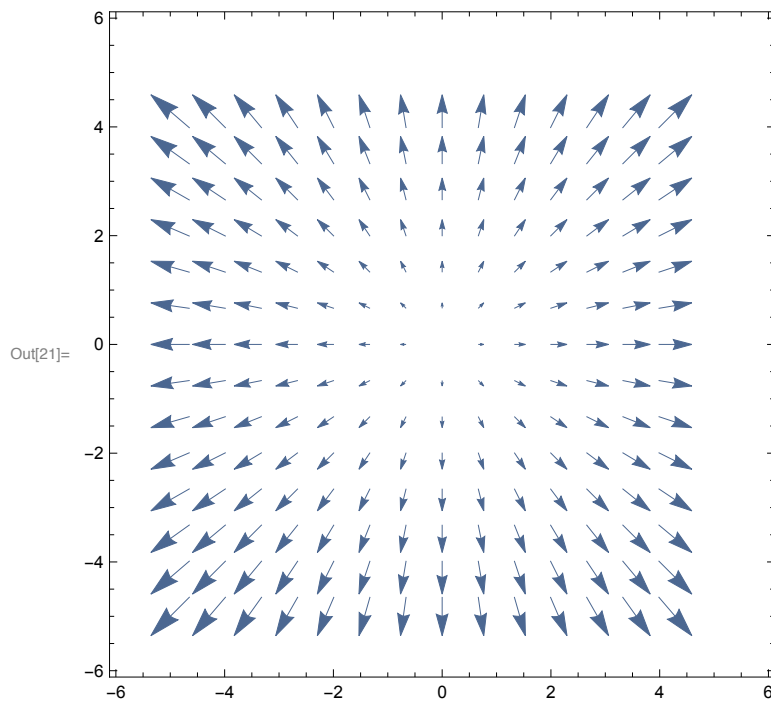`PlotRange → {{-0.5 * 2 * Pi, 1.5 * 2 * Pi}, {-2, 2}}, AxesLabel → {"x", "y"}]`

Out[18]=

In[19]:= `Plot[Sin[x], {x, 0, 2 * Pi}, PlotRange → {{-0.5 * 2 * Pi, 1.5 * 2 * Pi}, {-2, 2}},`
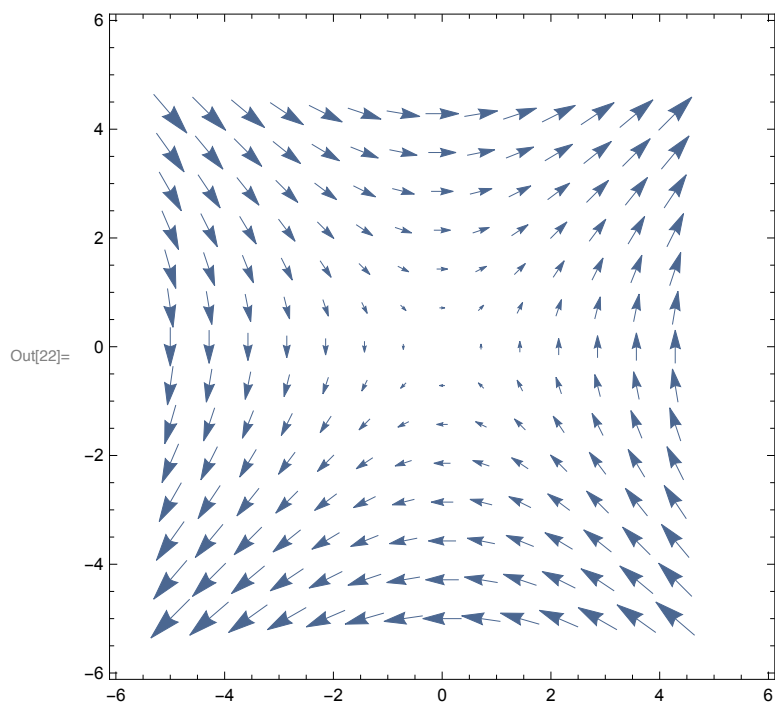`Frame → True, FrameLabel → {"phase", "amplitude"}]`

Out[19]=

In[20]:= `Plot3D[Cos[Sqrt[x^2 + y^2]] * Exp[-Sqrt[(x^2 + y^2)] / 5], {x, -5 * Pi, 5 * Pi}, {y, -5 * Pi, 5 * Pi}, PlotPoints → {100, 100}, PlotRange → All]`
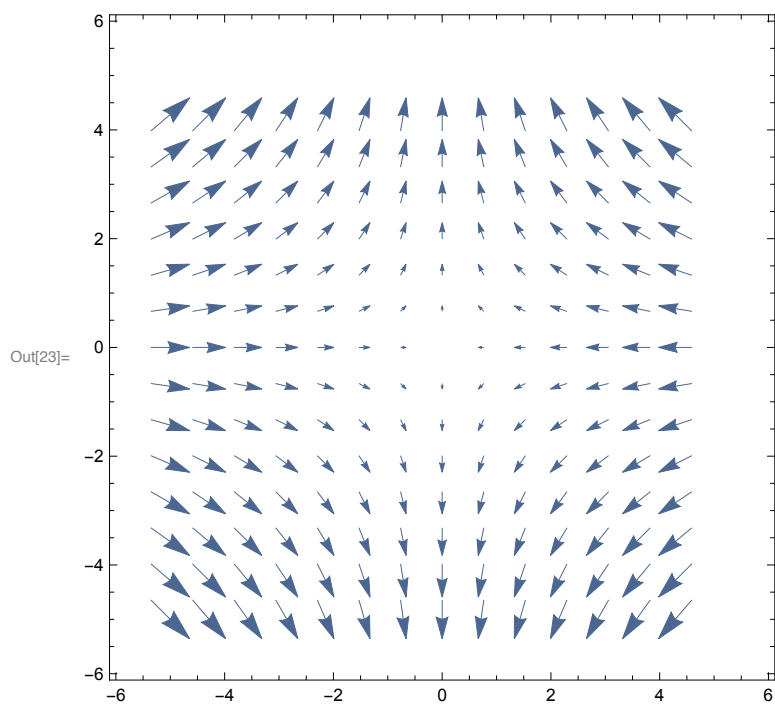
Out[20]=

In[21]:= `VectorPlot[{x, y}, {x, -5, 5}, {y, -5, 5}]`

Out[21]=

In[22]:= **VectorPlot[{y, x}, {x, -5, 5}, {y, -5, 5}]**

Out[22]=

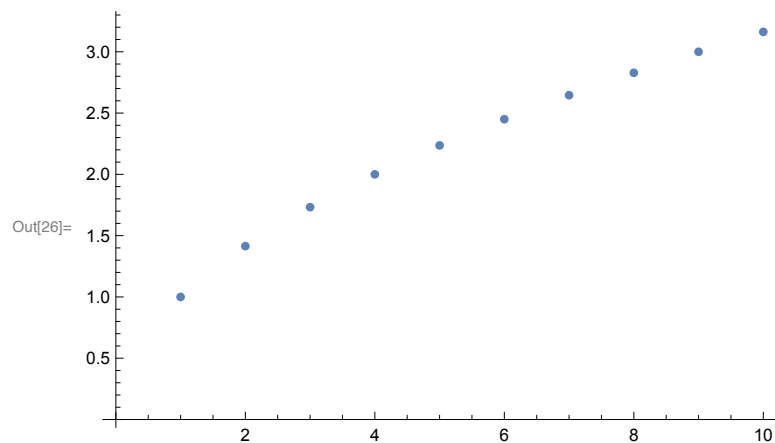In[23]:= **VectorPlot[{-x, y}, {x, -5, 5}, {y, -5, 5}]**

Out[23]=

In[24]:= **firstTen = Table[i, {i, 1, 10}]**
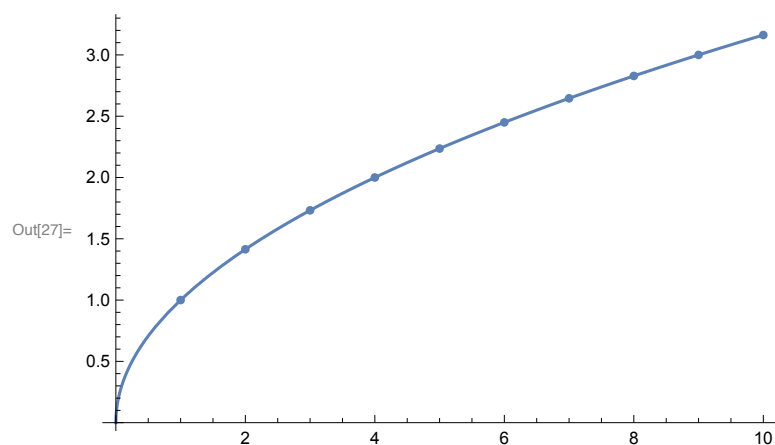**squareRoot = Table[{firstTen[[i]], N[Sqrt[firstTen[[i]]], 3]}, {i, 1, 10}]**

Out[24]= {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

Out[25]= {{1, 1.00}, {2, 1.41}, {3, 1.73}, {4, 2.00}, {5, 2.24},
{6, 2.45}, {7, 2.65}, {8, 2.83}, {9, 3.00}, {10, 3.16}}

In[26]:= **ListPlot[squareRoot]**

Out[26]=

In[27]:= **Show[ListPlot[squareRoot], Plot[Sqrt[x], {x, 0, 10}]]**

Out[27]=

In[29]:= **Needs["ErrorBarPlots`"]**

In[38]:= **ErrorListPlot[{{{5, 1.932}, ErrorBar[2, 0.005]}, {{17, 1.94}, ErrorBar[2, 0.01]},**
{{25, 1.96}, ErrorBar[2, 0.01]}, {{40, 2.01}, ErrorBar[4, 0.01]},
{{53, 2.04}, ErrorBar[4, 0.01]}, {{67, 2.12}, ErrorBar[6, 0.02]}}]

Out[38]=