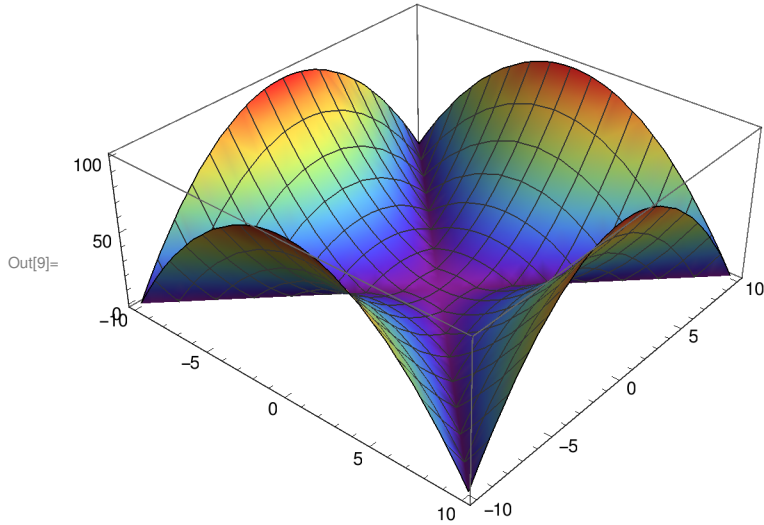


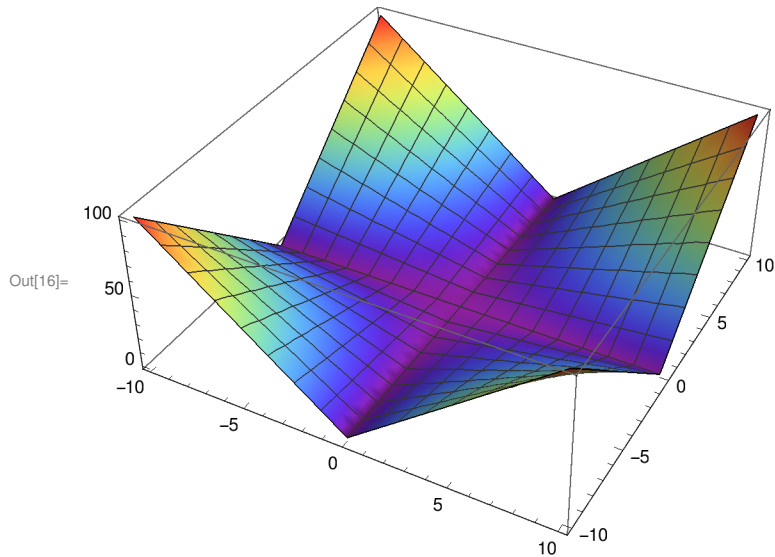
```
In[33]:= SetOptions[Plot3D(*Or whichever plot you desire*),  
ColorFunction -> "Rainbow"(*One of many options*)];  
(1)
```

Out[34]= 1

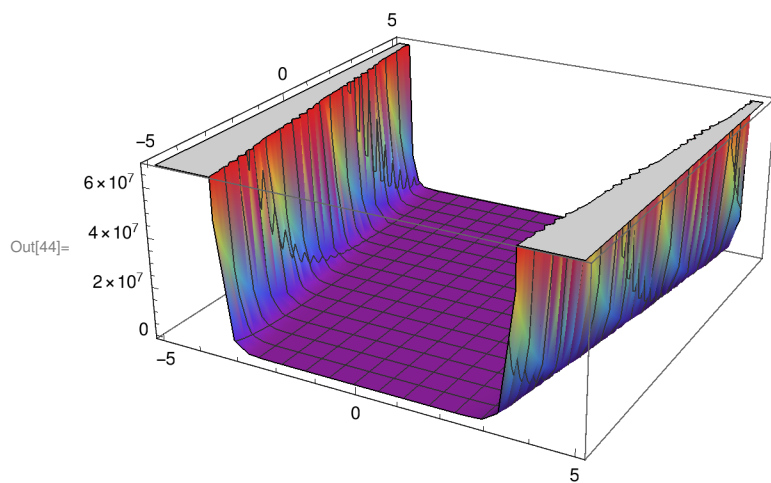
```
In[9]:= Plot3D[Abs[x^2 - y^2], {x, -10, 10}, {y, -10, 10}]
```



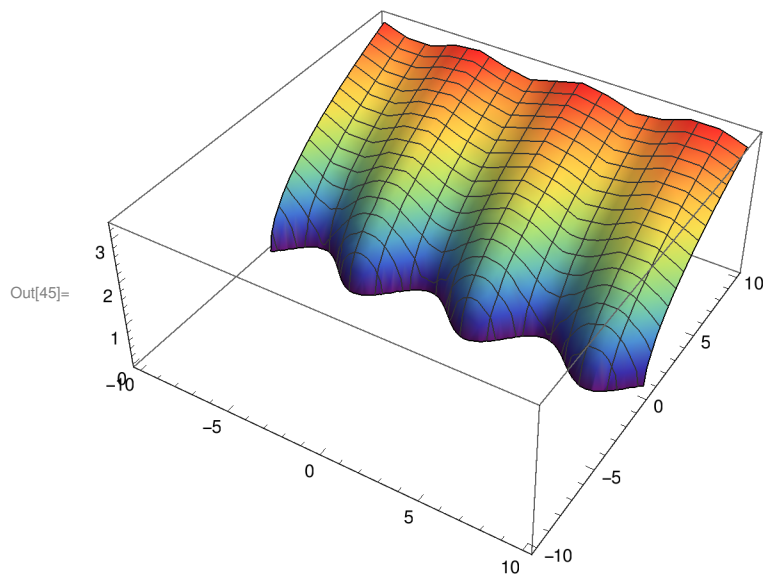
```
In[16]:= Plot3D[Abs[x * y], {x, -10, 10}, {y, -10, 10}]
```



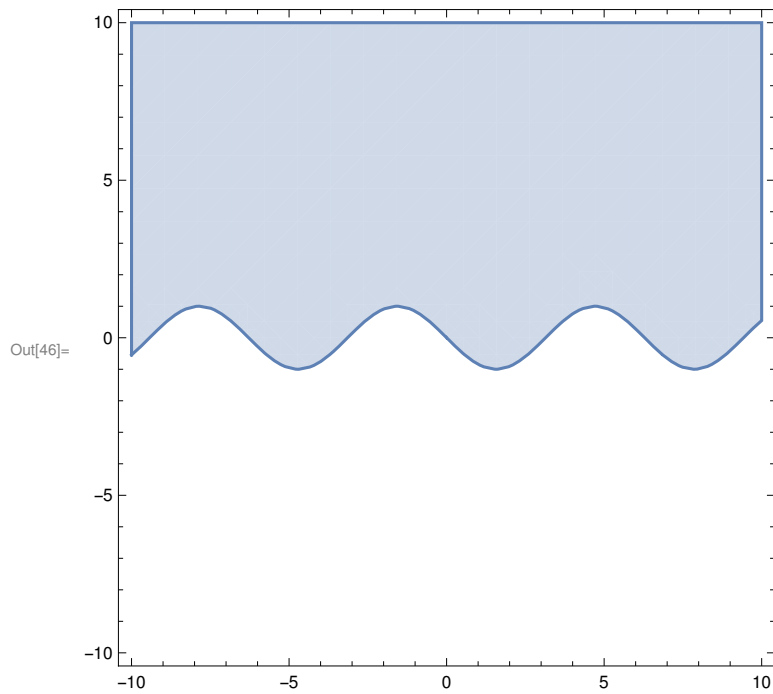
```
In[44]:= Plot3D[Exp[x^2 - y] + 7 y + Abs[x * y], {x, -5, 5}, {y, -5, 5}]
```



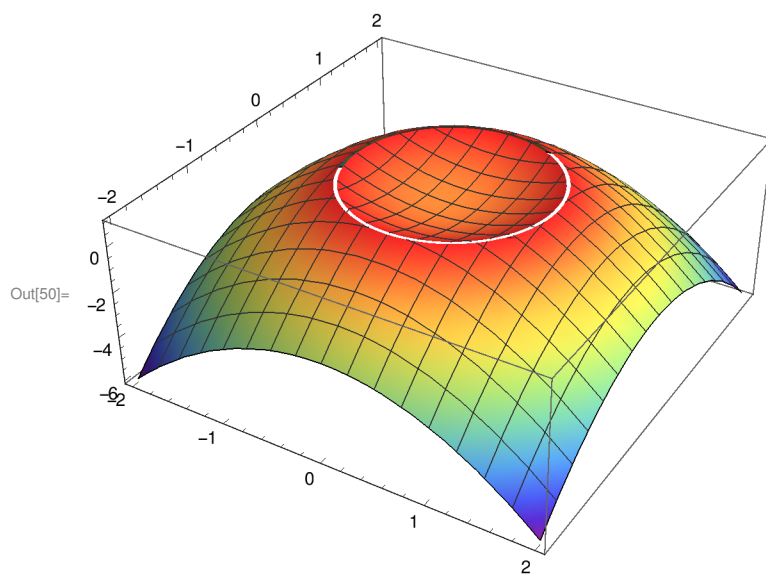
```
In[45]:= Plot3D[Sqrt[y + Sin[x]], {x, -10, 10}, {y, -10, 10}]
```



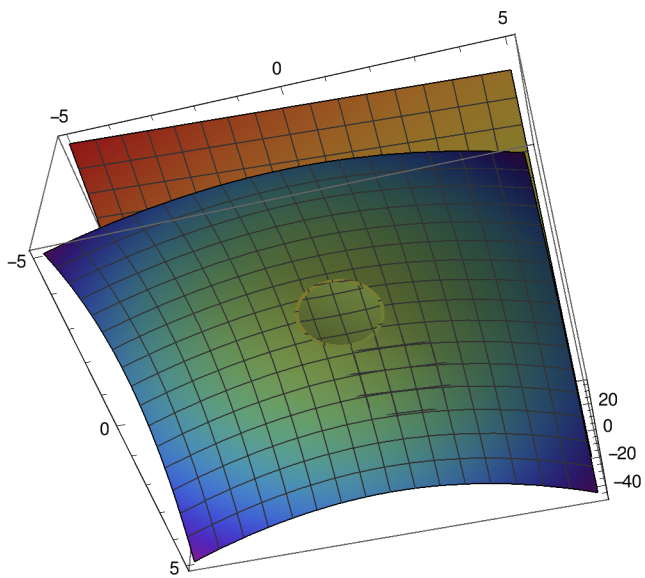
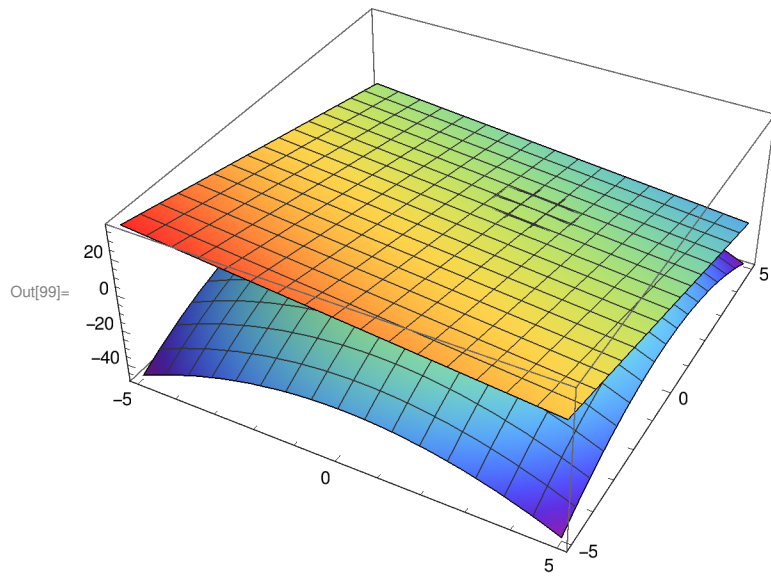
```
In[46]:= RegionPlot[FunctionDomain[Sqrt[y + Sin[x]], {x, y}], {x, -10, 10}, {y, -10, 10}]
```



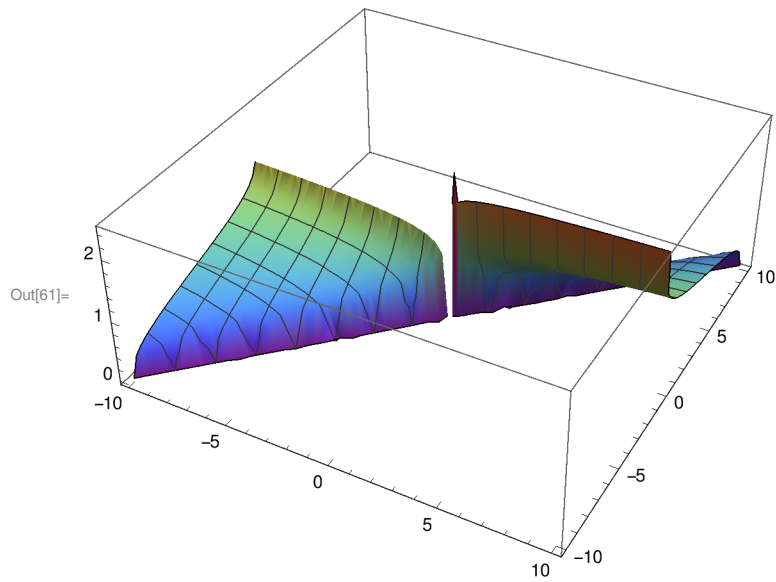
```
In[50]:= Plot3D[Min[x^2 + y^2, 2 - x^2 - y^2], {x, -2, 2}, {y, -2, 2}]
```



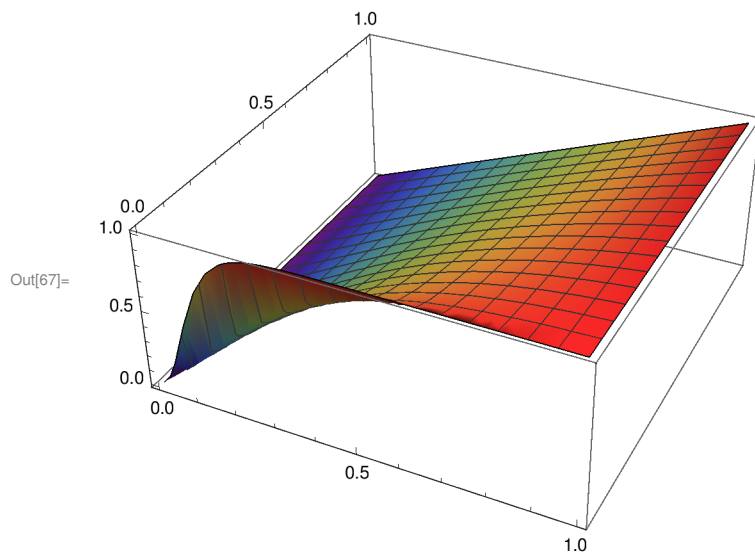
```
In[99]:= Plot3D[{Min[x^2 + y^2, 2 - x^2 - y^2], -3 - 2(x - 1) - 4(y - 2)}, {x, -5, 5}, {y, -5, 5}]
```



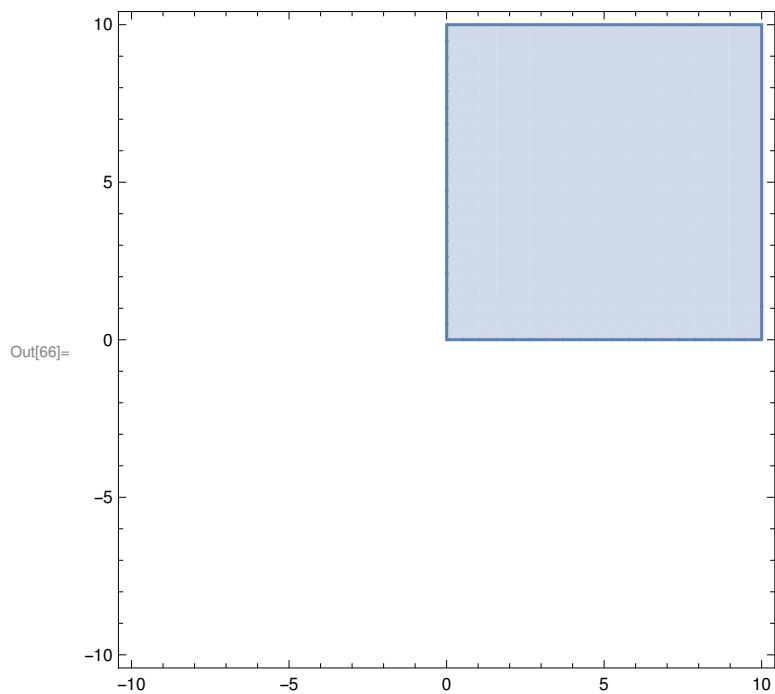
```
In[61]:= Plot3D[(Log[x / y]) ^ (1 / 3), {x, -10, 10}, {y, -10, 10}]
```



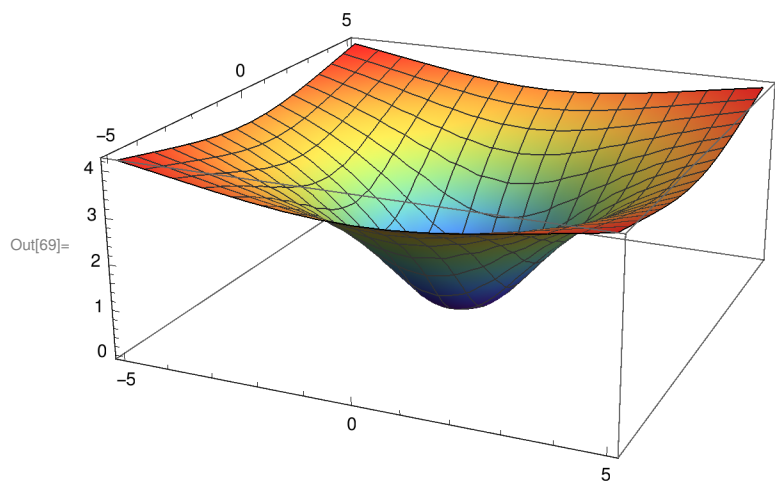
```
In[67]:= Plot3D[x ^ (y ^ x), {x, 0, 1}, {y, 0, 1}]
```



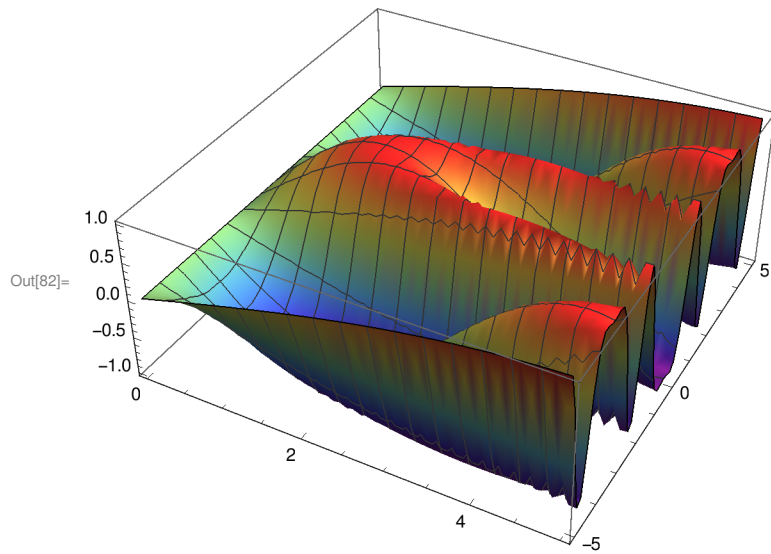
```
In[66]:= RegionPlot[FunctionDomain[x^(y^x), {x, y}], {x, -10, 10}, {y, -10, 10}]
```



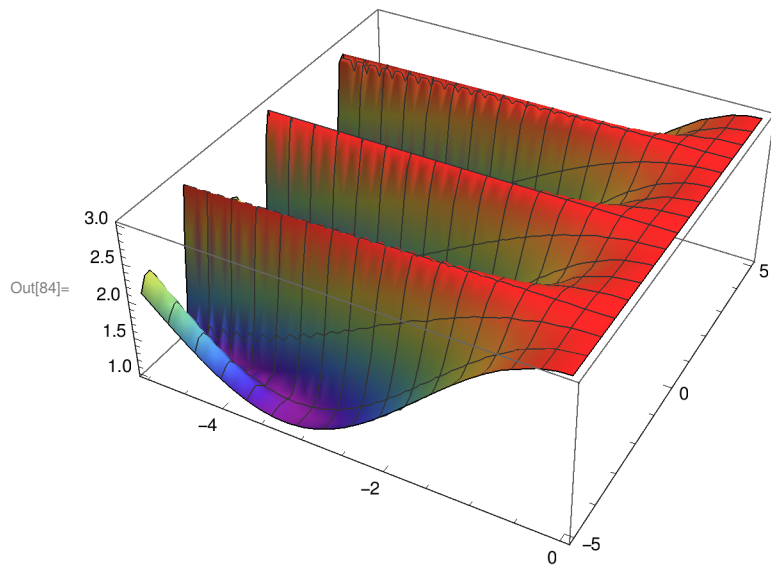
```
In[69]:= Plot3D[(ArcTan[Sqrt[x^2 + y^2]])^4, {x, -5, 5}, {y, -5, 5}]
```



```
In[82]:= Plot3D[Sin[x * Cos[y]], {x, 0, 5}, {y, -5, 5}]
```



```
In[84]:= Plot3D[Cos[x * Sin[y]] + 2, {x, -5, 0}, {y, -5, 5}]
```



```
In[71]:= Plot3D[(Sqrt[x^2+y^2])/(x+y-1), {x, -5, 5}, {y, -5, 5}]
```

Out[71]=

