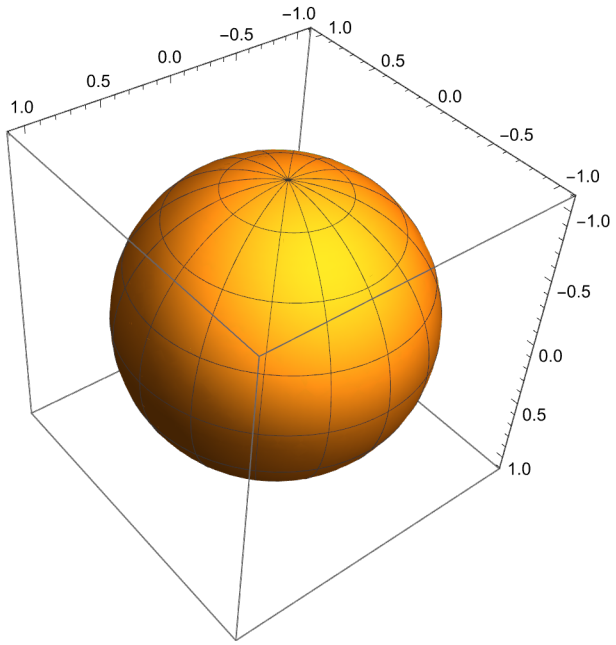
In[ ]:=
```
3^3 + 4^3 + 5^3
6^3
```

Out[ ]=
```
216
```

Out[ ]=
```
216
```

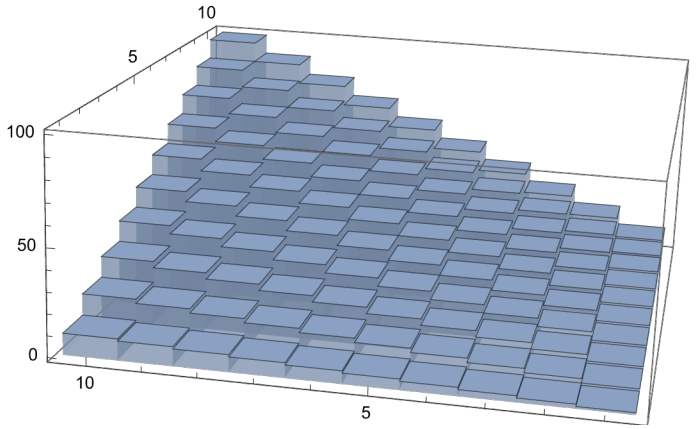
In[ ]:=
```
ParametricPlot3D[{Cos[u] Cos[v], Sin[u] Cos[v], Sin[v]},
 {u, 0, 2 Pi}, {v, 0, 2 Pi}, PlotPoints → 50]
```
绘制三维参数图 余弦 余弦 正弦 余弦 正弦 圆周率 … 绘图点

Out[ ]=



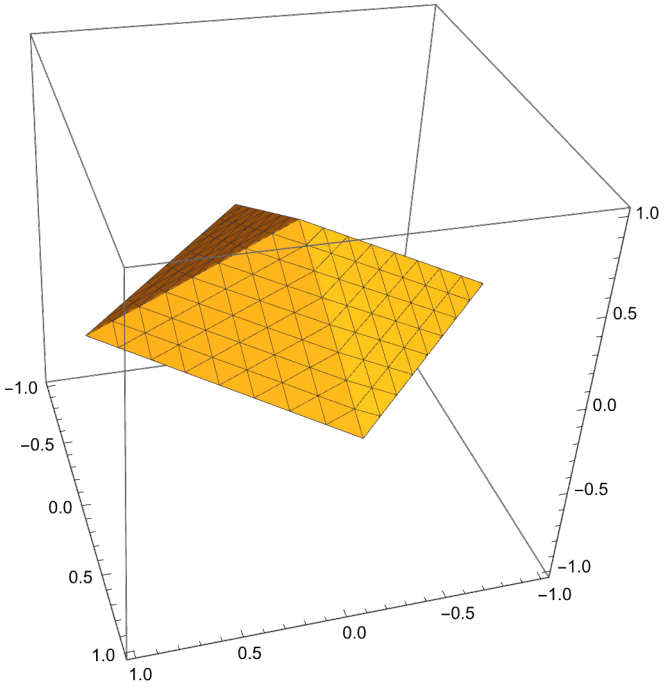
In[ ]:=
```
DiscretePlot3D[x y, {x, 1, 10}, {y, 1, 10}, ExtentSize → Full]
```
三维离散图 延伸程度 全范围

Out[ ]=



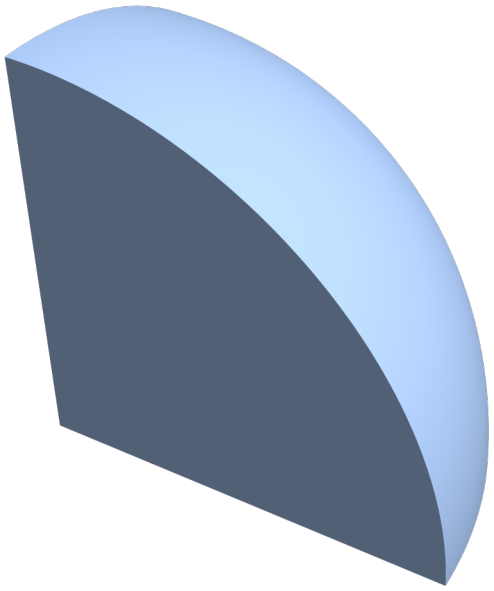
In[ ]:=
```
ContourPlot3D[Abs[x] + Abs[y] + 2 Abs[z] == 1, {x, -1, 1}, {y, -1, 1}, {z, -1, 1}]
```
三维等高线 绝对值 绝对值 绝对值

Out[ ]=



In[ ]:=
```
CSGRegion["Intersection", {Ball[], Cuboid[]}]
```
CSG区域 交集 实心球 长方体

Out[ ]=



In[ ]:=
```
positions = Flatten[Table[{x, y, z}, {x, {-1, 1}}, {y, {-1, 1}}, {z, {-1, 1}}], 2];
chunks = CSGRegion["Intersection", {Ball[{0, 0, 0}, 2], Cube[#, 2]}] & /@ positions;
CSGRegion["Union", Table[Translate[chunks[[i]], # * positions[[i]]], {i, Length[chunks]}],
    ImageSize → Tiny] & /@ {0, 1 / 2, 1}
```
压平 表格 CSG区域 交集 实心球 立方体 CSG区域 并集 表格 平移 长度 图像尺寸 微小

Out[ ]=