

```

>
> with(plots):
> paraboloid:=plot3d(x^2+y^2,x=-2..2,y=-2..2,color=red):
> side1:=plot3d([1,y,z],y=-1..1,z=0..3,color=yellow,transparency=
0.5):
> side2:=plot3d([-1,y,z],y=-1..1,z=0..3,color=yellow,transparency=
0.5):
> side3:=plot3d([x,1,z],x=-1..1,z=0..3,color=yellow,transparency=
0.5):
> side4:=plot3d([x,-1,z],x=-1..1,z=0..3,color=yellow,transparency=
0.5):
> Domain:=plot3d([x,y,0],x=-1..1,y=-1..1,color=green,transparency=
0.5):
> display3d({paraboloid,side1,side2,side3,side4,Domain},view=0..3,
axes=boxed);

```

