

10.6 SURFACES

Cylinder

Def.

Let C be a curve in a plane, and let l be a line that is not in a parallel plane. The set of points on all lines that are parallel to l and intersect C is a cylinder.

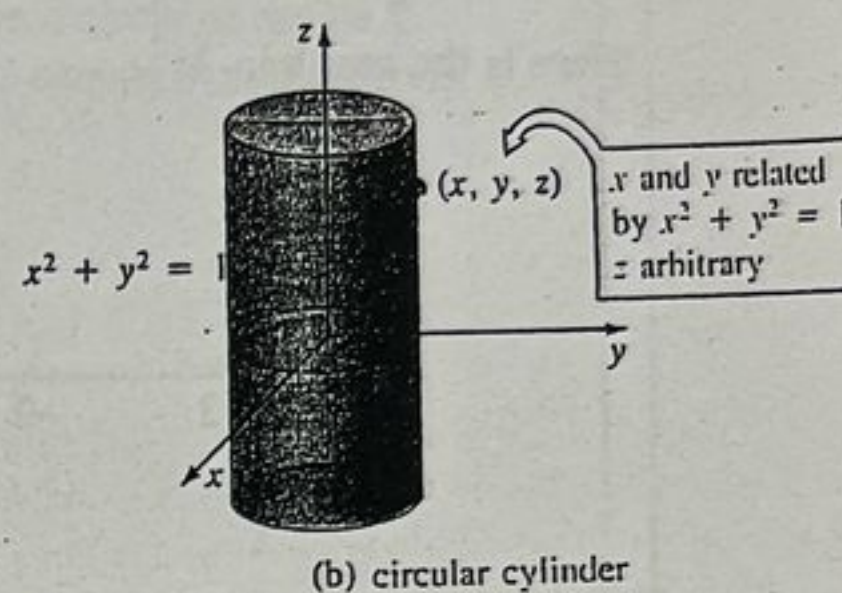
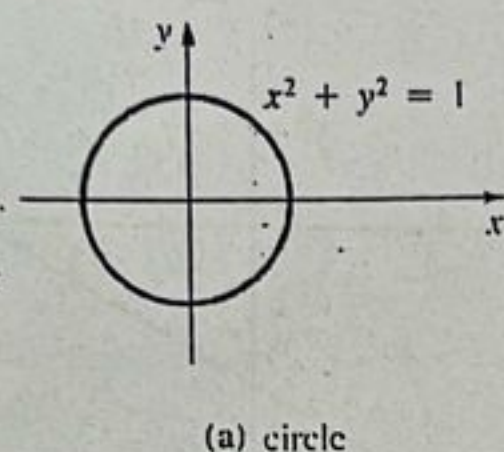
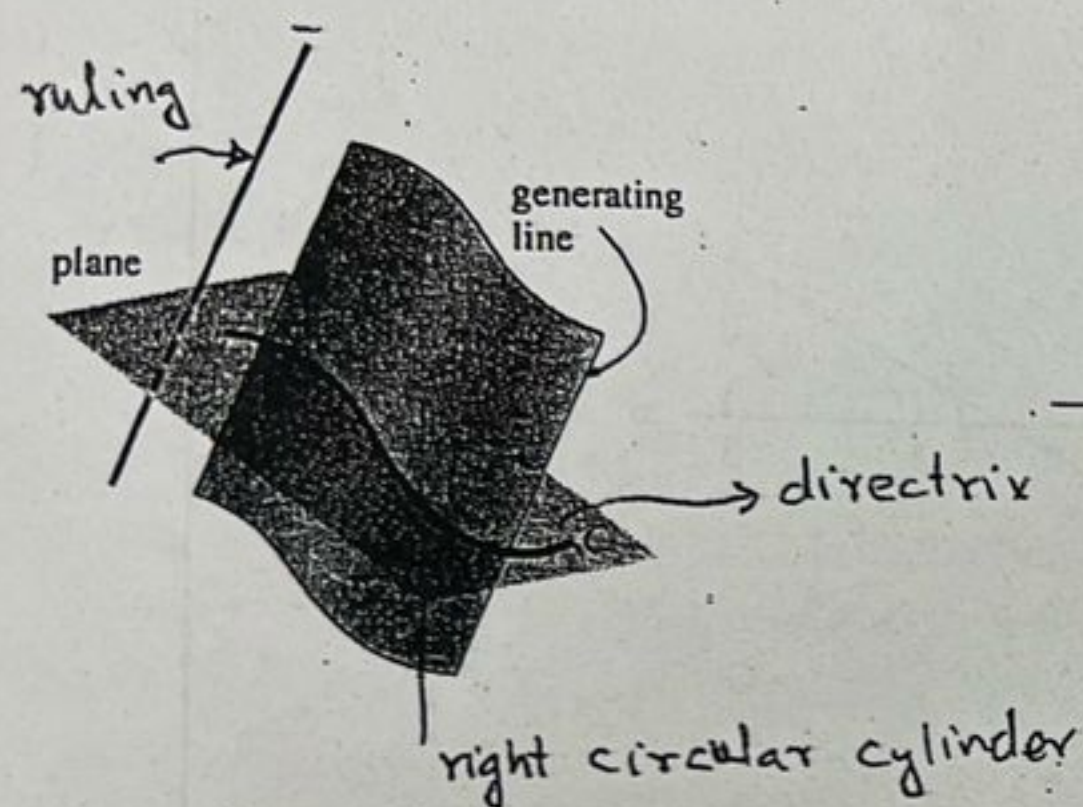
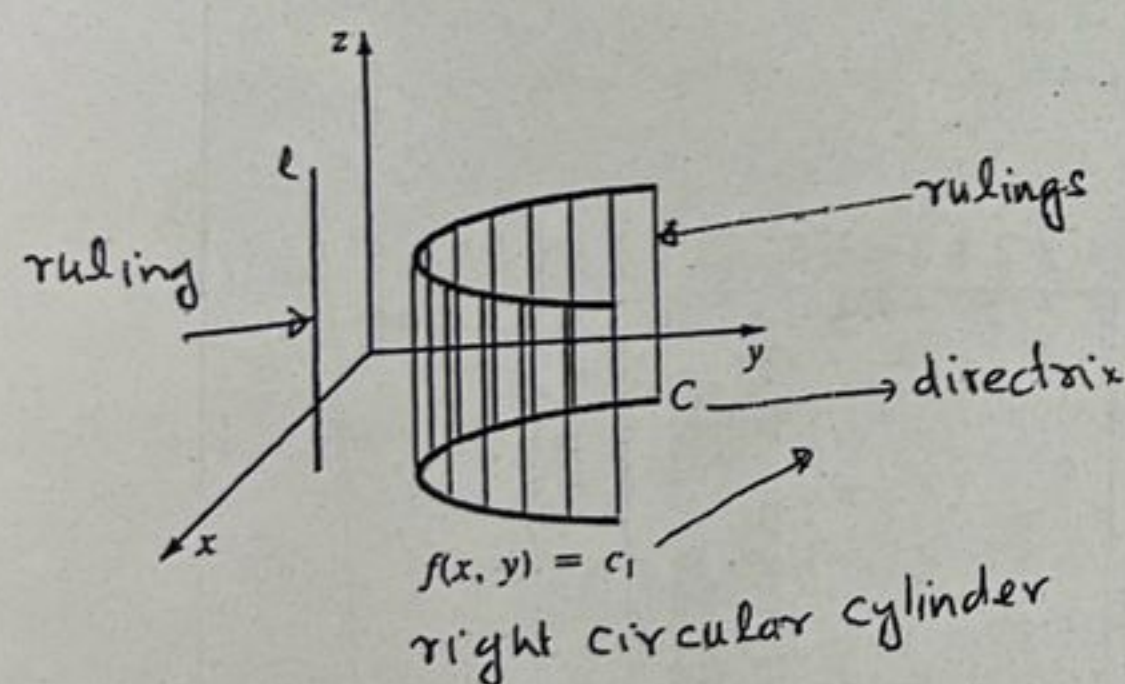
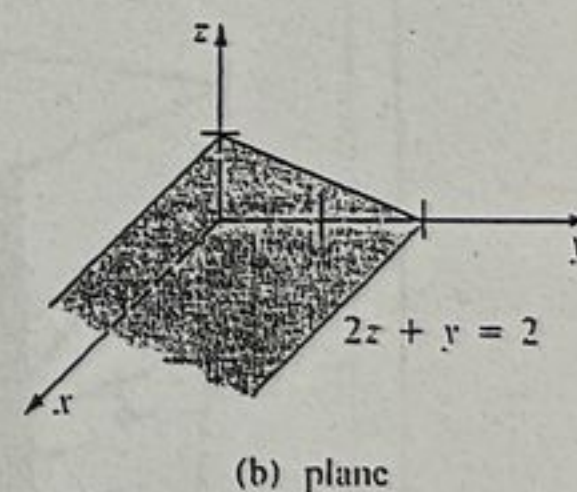
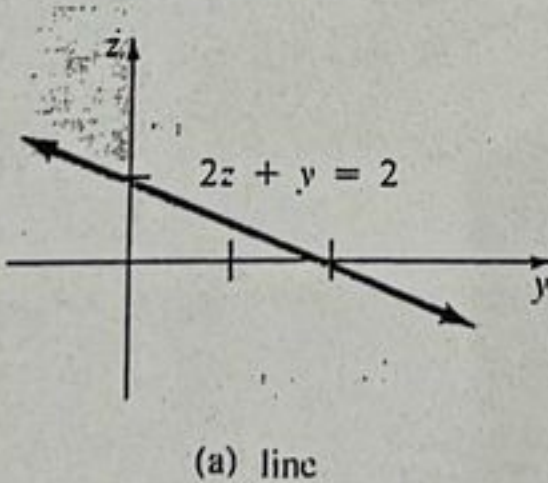


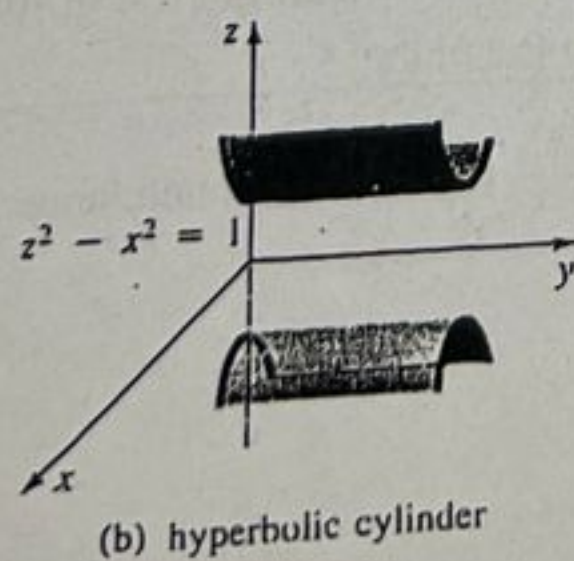
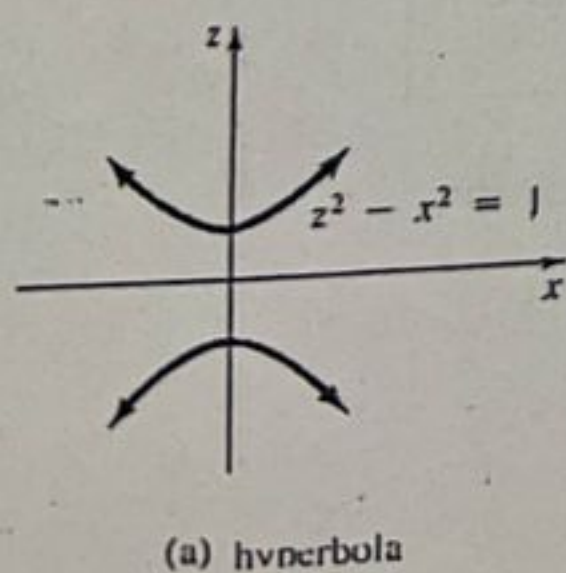
Figure 14.63



Example 1



Example 2



Example 3

