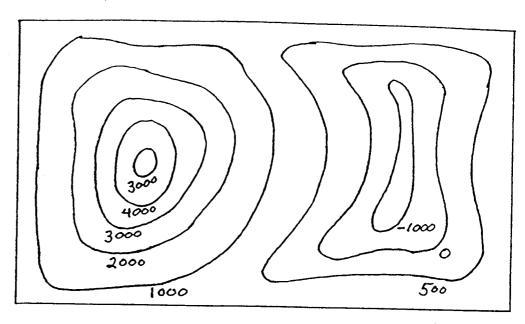
## SKETCHING SURFACES IN THREE-SPACE USING LEVEL CURVES

**RECALL**: Topographical Map

Assume that the numbers represent height in feet relative to sea level of a particular region.



<u>DEFINITION</u>: The intersection of a horizontal plane at a particular height z = c with a given surface is called a <u>level curve</u>.

