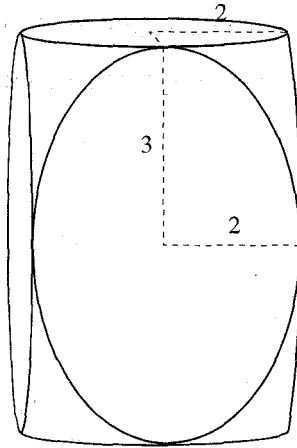


GROUP WORK 2, SECTION 9.3

Under Pressure

An irregular solid with a circular top plate of diameter 4 feet and four elliptical side plates of height 6 feet and width 4 feet is placed on the bottom of a pond that is 12 feet deep.



1. Find the hydrostatic pressure on the top plate.
2. Find the hydrostatic pressure on one of the elliptical plates.