Part 2 of Section 6.2

Volumes of Solids

by

Method of Cross Sections

(specially for those solids which are **NOT** solids of revolution)

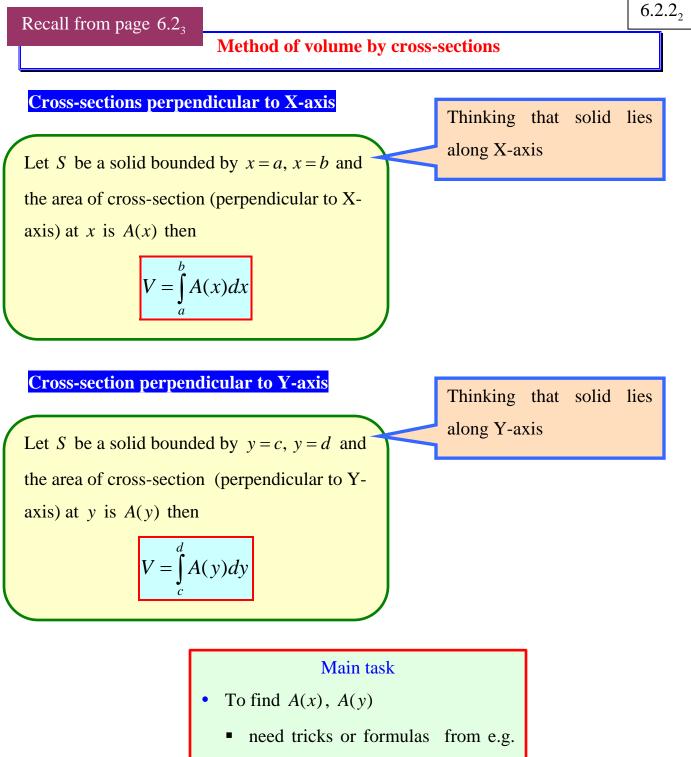
Learning outcomes

After completing this section, you will inshaAllah be able to

1. use method of cross section to find volume of solids

Also called method of slicing

- We learn this specially for solids that are not solids of revolution
- But it can also be used for solids of revolution. Just remember that the disk/washer method (see 6.2.1) and shell method (see 6.3) are easier methods for finding volume of solids of revolution.



geometry, trigonometry etc

See examples 1, 2, 3 done in class

End of Part 1 of Section 6.2