The "Saturno" table by Brazilian designer Fernando Jaeger is made of circular

ply wood disks.

How would you find the volume of this table?



Find the volume of each disk, and add them all up (summation).







Example: Take the region between y=sinx

Y=5.4 K

- and y=D from x=0 to TT,
- and rotate it around the
 - x-axis to produce a
- solid of revolution.



















Example 2.6: Volume of a pyramid





Conclusion: x ranges from O to h



More Resources: See Class Schedule Page



- Disk method, Y-axis
- -Washer method, X-axis -Washer method, Y-axis

Link to Geogebra Demo from earlier



O Quiz 2 next Friday October 28.

De Bonus point on next week's home work if you work together with two classmates.

3 Reminder: "Review" problems on homework are graded.

(1) Today is the deadline to drop courses without a W on transcript.