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## How to Find Volume by Slicing

- 1. Sketch the solid and a typical cross section.
- 2. Find a formula for the area of the cross section.
- 3. Find the bounds of integration.
- 4. Integrate A(x) to find volume.



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## Solids of Revolution

- -Formed when a curve or region is revolved around a line.
- -The cross section of a solid of revolution is circular.
- -These cross sections are either in the shape of a disc or a washer (donut!!!).











