## Math 1452: Area and Volume Formulas

## How do I find the area between curves?

1. 
2. 
3. Write the integrand by identifying...
(a)
(b)
4. Write the bounds using...
(a)
(b)
5. 

|  | Vertically <br> Simple | Horizontally <br> Simple |
| :---: | :---: | :---: |
| Vertical |  |  |
| Axis of |  |  |
| Revolution |  |  |
| Horizontal <br> Axis of <br> Revolution |  |  |

Below, we list the formulas on area and volume that you may be asked to know and use:


