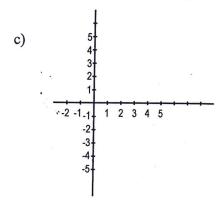


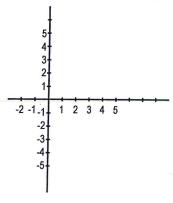
## Volumes of Revolution

On your own paper (graph paper)

1. Sketch the region bounded by the lines y = 3, y = 1, x = 1, x = 6.



- d) Determine the perimeter of the region.
- e) Determine the area of the region.
- f) Draw a picture of the region being revolved about the x-axis.



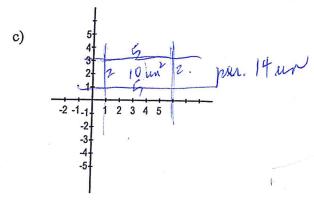
- g) Describe the geometric solid formed by revolving the region about the x-axis.
- h) Determine the volume of the geometric solid.



## Volumes of Revolution

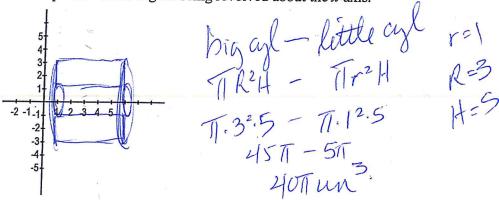
On your own paper (graph paper)

1. Sketch the region bounded by the lines y = 3, y = 1, x = 1, x = 6.



- Determine the perimeter of the region. d)
- Determine the area of the region. e)

Draw a picture of the region being revolved about the x-axis. f)



- Describe the geometric solid formed by revolving the region about the x-axis.

  Determine the volume of the geometric solid. g)
- h)