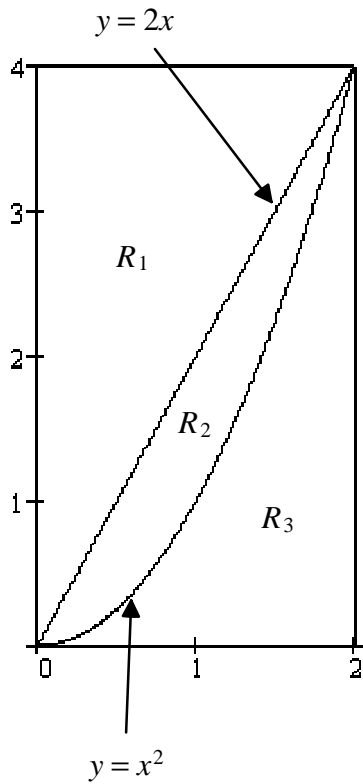


Name S.S.N. /10

Refer to the figure and find the volume generated by rotating the given region about the given line. (1 bonus pt. if you **correctly** use **shell** method at least once **and** **disk/washer** method at least once.)



1. R_3 about the x -axis /2

2. R_2 about the x -axis /2

3. R_2 about the y -axis /2

4. R_1 about the line $x = 2$ /2

5. R_2 about the line $y = 4$ /2