

**Math 114 – Homework 2 – due Wednesday, Sept. 14**

**Problems to complete, write up, and hand in**

1. Write a paragraph comparing the two methods (disks, shells) for computing the volume of a sphere of radius 1. Which did you find easier to set-up? To evaluate?
2. Textbook, problem 47, section 6.1.
3. Textbook, problem 28, section 6.2.
4. Textbook, problem 16, section 6.3.
5. Textbook, problem 49, section 6.3.
6. Textbook, problem 12, section 6.4.
7. Textbook, problem 50, section 6.4.

**You should also practice enough routine problems from these sections so you know you can do them well. Don't hand any in, but feel free to ask about any of them in class.**