

Section 6.4 Worksheet:

Assigned problems: Exercises pp. 332-334, #3, 12, 15, 20, 30, 32, 48, 49.

1. What does a representative cylindrical shell look like? Draw one, as well as you can, in 3-D.

2. Can you always do a problem equally easily by either disks or cylindrical shells?

3. Looking back in section 6.2, which formulas can be thought of as volumes computed by cylindrical shells?