

First, please do these four problems, which are about spherical coordinates without any calculus: Section 15.8 #6, 7, 8, 48.

Second, do these five problems, which amount to understanding the bounds on a spherical triple integral, without actually computing the integral: Section 15.8 #15, 17 (don't compute), 19, 22a, 24 (don't compute).

Third, do these three problems, which ask you to fully compute an integral in spherical or cylindrical coordinates: Section 15.8 #43 and problems C and D.A (Hawaii, electron first part) from the handout `cylSph.pdf` on our course web site.