1. 18.26 [Max]

2. 18.36 [Sakti]

3. 18.39 [Jody]

4. 18.40 [Lander]

5. [David] On the last assignment you showed that Riemann integrable functions on an interval are measurable. Now show that the Riemann and Lebesgue integrals agree for Riemann integrable functions.

6. 18.47 [Max]

7. 18.55 [Lander]

8. [Jody] For $t \in \mathbb{R}$ and $f \in L_1$, let $f_t(x) = f(x - t)$. Show that $f_t \in L_1$ and that the map $t \mapsto f_t$ is continuous from $\mathbb{R}$ to L_1.

9. 18.41

10. 19.23