p-adic Hodge theory homework: Week 10

- 1. [Mie] problem 1.3.
- 2. [Mie] problem 1.7.
- 3. [Mie] problem 1.8.
- 4. [Mie] problem 1.9.
- 5. [Mie] problem 1.10.
- 6. [Mie] problem 3.1.