1. Vakil 15.2.I – Picard group equals class group on a factorial scheme
2. Vakil 15.2.K – example of a torsion Picard group
3. Vakil 15.2.Q – example of a non $\mathbb{Q}$-Cartier divisor
4. Vakil 15.2.R – a criterion for unique factorization
5. Hartshorne II.6.4 – a criterion for normality
6. Hartshorne II.6.5 – class groups of quadric hypersurfaces