Review sheet for Exam 4

1. Be able to do all of the assigned Homework problems from March 23 and April 4.

2. Find the lattice of subfields between $\mathbb{Q}$ and F, where F is the splitting field of $x^3 - 2$ over $\mathbb{Q}$.

3. Find the lattice of subfields between $\mathbb{Q}$ and F, where F is the splitting field of $x^5 - 2$ over $\mathbb{Q}$. Counting F and $\mathbb{Q}$, there are 14 fields in this lattice.

4. Be able to state the Fudamental Theorem of Galois Theory.