Math 5362 - Algebraic Number Theory
Homework 5
Due - Sunday 19 April 2020 11:59pm

1. Let $K = \mathbb{Q}[\sqrt{33}]$. Find h_K and describe the group structure of the ideal class group of K if $h_K > 1$.

2. Let $K = \mathbb{Q}[\sqrt{-17}]$. Find h_K and describe the group structure of the ideal class group of K if $h_K > 1$.