

Spring 2019, Math 596: Preliminary Problem Set 3
Due: Thursday, February 14th, 2019
Factorization Length and Sage

Preliminary problems. These problems should be completed before discussion on Thursday.

(P1) Let $S = \langle 5, 6, 8 \rangle$. Locate an element that has two factorizations of the same length.

(P2) Let $S = \langle 4, 9, 11 \rangle$. Find $Z(33)$, $L(33)$, and $\Delta(33)$.