Spring 2019, Math 596: Preliminary Problem Set 7
Due: Thursday, March 14th, 2019
Polytopes and Numerical Semigroups

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

(P1) Find all factorizations of $70 \in S = \langle 5, 7 \rangle$.

(P2) Write down *all* relations $p_i \preceq p_j$ for the following poset $\Pi = \{p_1, p_2, p_3, p_4, p_5\}$.
Hint: don't forget the reflexive ones!