

Spring 2019, Math 596: Preliminary Problem Set 5
Due: Thursday, February 28th, 2019
Polytopes

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

(P1) Find the face lattice of the 2-dimensional simplex S .

(P2) Write each face above as the convex hull of some collection of vertices of S , and as the intersection of some facets of S .