Spring 2020, Math 621: Preliminary Problem Set 1
Due: Thursday, January 30th, 2020
Numerical and Affine Semigroups

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

(P1) Let $S = \langle 9, 13, 14, 16 \rangle$.

  (a) Find $\mathrm{Ap}(S; 9)$.

  (b) Find a numerical semigroup S' containing S with $F(S') = F(S)$.