Fall 2022, Math 621: Preliminary Problem Set 1 Due: Thursday, January 27th, 2022 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 Ap(S; 9).

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