CHIP FIRING EXERCISES 2

(1) Is the divisor depicted below equivalent to an effective divisor? Why or why not?
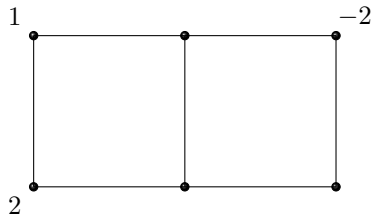

FIGURE 1

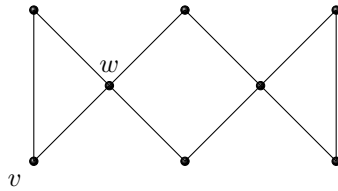(2) Classify all v-reduced and all w-reduced divisors on the graph below.

FIGURE 2

(3) Let G be a graph with more than one vertex, and let D be a divisor on G that is v-reduced for every vertex v of G. Prove that D is effective, and is the only effective divisor in its equivalence class.