Names: Leader: _______________________ Section: ___________
    Other: ____________________ Other: ____________________

General Structure:
Cogent explanation of each question in complete sentences _____ 2 pts

Solutions of Problems:
1. Accurate mathematical formulation of parts (a) to (d) _____ 4 pts
2. Accurate graph of feasible region _____ 4 pts
   (e, f) Determination of coordinates of corner points and value of profit function at each. _____ 5 pts
   Best Production Policy and largest profit in sentence form. _____ 2 pts
3. (g) Meanings of slack variables in the context of the original word problem, rewritten constraints and profit function _____ 3 pts
   (h) Copies of Initial and Final Simplex Matrices _____ 2 pts
   (k) Optimal production policy and maximum profit _____ 2 pts
      Amounts of resources unused _____ 2 pts
4. Accurate reworking of steps (a) – (d) and (g) of Problem 1. _____ 3 pts
   (h) Copies of Initial and Final Simplex Matrices _____ 2 pts
   (k) Optimal production policy and maximum profit _____ 2 pts
      Amounts of resources unused _____ 2 pts

TOTAL _____ 35 pts

GROUP WORK _____ 2 pts

POSSIBLE GRAND TOTAL _____ 37 pts