Problem of the Week
Problem B
These Teachers are Golden

Three teachers have classes practicing their gymnastics routines for their physical education open house.

- Ms. Korbut has four groups comprised of 2, 3, 4, and 5 students.
- Mrs. Miller has groups of 4, 5, 6, and 7.
- Mrs. Comaneci has groups of 6, 7, 8, and 9.

a) If each teacher wants to have the same total number of students to supervise, then which single group should be moved to another teacher?
b) What other arrangements of these groups would achieve this balance?