1. An Asian Conference is being attended by a number of students from the Asia Pacific. Ninety-six students are from the Philippines, 72 students are from Malaysia, and 48 students are from Indonesia. What is the greatest number of discussion groups that can be formed so that the students from each country are distributed equally among all the groups? [5 pts]

2. A set of 36 blue checkers and 60 red checkers is to be arranged into piles. Each pile may contain only blue or only red checkers. All piles, both blue and red, must contain the same number of checkers. What is the greatest number of checkers that each of the piles can have? [4 pts]