1) Two neon lights are turned on at the same time. One blinks every 4 seconds and the other blinks every 6 seconds. In 60 seconds, how many times will they blink at the same time?

2) Shannon is making identical balloon arrangements for a party. She has 32 maroon balloons, 24 white balloons, and 16 orange balloons. She wants each arrangement to have the same number of each color.
   a. What is the greatest number of arrangements that she can make if every balloon is used?
   b. How many balloons of each color will be in each arrangement?

3) At a display booth at an amusement park, every visitor gets a gift bag. Some of the bags have items in them as shown in this table.

Items	Bags
Hat	Every 2nd visitor
T-shirt	Every 7th visitor
Backpack	Every 10th visitor

What number visitor will be the first to receive all 3 items in the gift bag?

4) There are 48 girls and 64 boys in the school choir. The choir teacher plans to arrange the students in equal rows. The same number of boys and the same number of girls will be in each row. What is the greatest number of rows the teacher can arrange?

5) Mike can buy red push pins in packages of 10 and yellow push pins in packages of 12. What is the least amount of packages of each color he must buy in order to have the same number of pins?