1. A developer is building one-bedroom, two-bedroom and three-bedroom apartments. 192 units are planned and the number of multiple bedroom units is the same as the number of one-bedroom units. And the number of one-bedroom units is three times the number of three-bedroom units, how many units in the complex?

(a) If the number of multiple bedroom units is half the number of one-bedroom units, how many units in the complex?

(b) If the number of multiple bedroom units is twice the number of one-bedroom units, how many units in the complex?
2. The time to produce a dozen sleeveless blouses is 9 minutes cutting, 22 minutes sewing, and 6 minutes packaging. The time to produce a dozen short-sleeve blouses is 12 minutes cutting, 24 minutes sewing, and 8 minutes packaging. The respective numbers for long-sleeve are 15, 28 and 8 minutes. If the cutting department has 80 labor-hours available and the sewing department 160 labor-hours available, and the packaging department has 48 labor-hours available, all per day. How many of each type of blouse can be produced each day?