1. How many 0.000065 mg doses can be made from 0.13 gm of a drug?
2. If a clinical study of a new drug demonstrated that the drug met the effectiveness criteria in 564 patients of the 942 patients enrolled in the study. Express the results as a decimal fraction and as a percent?
3. If a pharmacist is being asked to give a cough syrup to a child and he found that the dose is ¼ of the adult dose of two teaspoonfuls. If each 5 ml contains 10 mg of dextromethorphan and 100 mg guaifensin. How many ml should be given to the child and how many mg of dextromethorphan and guaifensin are in the child dose?
4. A bottle of Children’s Tylenol contains 30 teaspoonfuls of liquid. If each dose is 1/8 teaspoonful. How many doses are available in this bottle?
5. A pharmacist has 10 gm of Codeine sulfate. If he prepared 15 capsules each containing 0.3 gm. 7 capsules each containing 0.1 gm. 13 containing 0.015 g. A- How many gm of codeine is left?

B- How many capsules of 0.2 gm can be made from the remaining quantity?

1. A pharmacist dispenses 120 prescriptions a day. How many more prescriptions does he need to dispense each day to bring a 15 % increase?
2. A pharmacist prepared a solution containing 14 million unites of potassium penicillin per 20 ml. How many unites of potassium penicillin will a 0.3 ml solution contain?