1. **Feledene® tablets contain 20 mg of piroxicam per tablet. If 20 gigagrams is provided. How many tablets can be prepared using this quantity ?**
2. **When dividing 0.32 g of a drug into 800 equal doses. How many μg of the drug will be present in each doses ?**
3. **If four ingredients A, B, C, and D are present in a tablet that weighs 0.45 g. When you know that A weighs 115 mg, B weighs 5000 μg, and C weighs 0.0003 kg. How many nanogram of ingredient D is in the tablet ?**
4. **If 200 μL, 0.4mL, 0.006 cL, and 0.0008 dL of a preservative solution are removed from a container. How many milliliters have been removed?**
5. **If two quarts of acetaminophen elixir present in the inventory. How many f℥ iv can be used?**

**6- If you fill approximately twelve prescriptions of f℥ iv Ventolin® solution per day. How many gallon of solution will be used in fifteen days?**

1. **A pharmacist dispensed 4 fluid ounces of an antacid suspension with instructions that the patient take two tablespoonful’s of the medications four times a day. How long will the medication last?**
2. **Children’s Advil is available in a suspension form containing ibuprofen in strength of 100 mg/5 mL. If the patient receives one teaspoonful of the medication three times daily. How many micrograms of the drug will be consumed by the patient in two days.**

**9- If ingredient A weighs 10 gr in a tablet. How many μg of ingredient A is in that tablet?**