

Med Math	Practice Problems
1.	The physician prescribed 1 milligram of folic acid, by injection, once per day. The medication is available as 5mg/ml. The nurse would give _____ ml.
2.	Apresoline 30 milligrams was prescribed three times a day. The medication is available as 10 milligram tablets. The nurse would give _____ tablet (s)three times a day.
3.	The healthcare provider ordered 120 mg of furosemide IM in three equally divided doses every 8 hours for 2 days. The drug was available as 10mg/ml. The nurse should give _____ml every 8 hours.
4.	You are caring for a patient at home who must take magnesium hydroxide/aluminum hydroxide (Maalox) 30 mL PO. How will you instruct the patient to measure the dose using ordinary household measuring devices? Answer: _____tbsp.
5.	The surgeon ordered to start Cefazolin 500mg every 12 hrs. IVP and stock ampules contain 250mg/ml. How many ml _____ per 12 hrs.?
6.	A dose of 3500mg of medication has ordered for a patient. The medication comes in 5g/2mL. What volume will you give the patient?
7.	A child weighs 13.5kg and is prescribed a medication for 0.8mg/kg/dose. The stock strength is 10mg/2mL. How many ml will you give the patient?
8.	A patient weighs 6.5kg and is prescribed a medication with a dose of 0.5mg/kg/day in equal doses every 12 hours. How

	many mg will you give per dose?
9.	An IV drip is set to 1,500mL over 6 hours, how many ml per minute will the patient received?
10	An IV drip has a drop factor of 60. The volume to be administered is 180mL over 5 hours. How many drops per minute will it be?