

Clinical Rotation: Trends

Student Name: _____

Math Practice Worksheet # 2

Date: _____

1. Atropine gr 1/200 is ordered for a patient who is going to surgery. The drug is available in gr 1/150 per mL. How many mL should be administered? _____ 0.75 mL
2. Sodium benzoate is available as 250 mg/ml. How many ml will you administer if the physician's order is for gr viii ? _____ 1.9 mL
3. Nembutal is available as gr iss / tablet. The physician prescribes gr ix as a total daily dose to be divided into 3 equal doses. How many tablets will you give per dose? _____ 2 tabs
4. Penicillin G 50,000 units/kg body weight per pay is to be administered in 4 equally divided doses. Penicillin G 500,000 units tablets are available. How many tablets will a 176 lb patient receive for each dose? _____ 2 tabs
5. Achromycin-V is available as 250 mg capsules. Achromycin-V 0.5 g po qid is ordered for a patient. How many capsules should be administered per dose? _____ 2 caps
6. An order is for Codeine 40 mg prn. The drug label reads Codeine gr 1/3 per tablet. How many tablets should be administered per prn dose? _____ 2 tabs
7. A physician prescribes 0.15 mg every day of a drug. The drug is available as 0.05 mg/ml. How many ml should be administered? _____ 3 mL
8. A patient with acute asthma is prescribed 400 mg of Aminophylline **to be added** to 50 ml D5W over 1 hour. If the tubing drop factor is 15 gtts/ml calculate the drops per minute if the available medicine comes as Aminophylline 500 mg/25 ml. _____ gtts/min 18 gtts
9. Penicillin G 15,000,000 units is ordered to run over 24 hours in 1000 ml of D5W. **To be added** to the solution is IV Penicillin G that is available as 500,000 units per ml. If an administration set with a gtt factor of 15 gtts/ml is used, what are the drops/minute to set the IV? _____ 11 gtts
10. Drug ordered: Tobramycin (Nebcin)
PDR instructions: 3 mg/kg/day divided in q8h dosages
Patient weight: 198 lb
What is the recommended dosage for this patient? _____ 270 mg