NSG110 Math Homework (Math Quiz Practice) #6

1)



What is the brand name? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the generic name? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many pills are in the bottle? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many milligrams are each pill? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) The doctor prescribes 750 micrograms of a medication. The pharmacy sends 0.5milligrams pills of the medication. How many pills will you give the patient? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) Total your patient’s intake and output for your 12 hour shift.

At 08:00 the patient consumed 1 cup of coffee, 1 pint of milk and 6 ounces of orange juice. At 08:30 he voided 200mL of urine and vomited 150 ounces of emesis. At 11:45 he vomited 100 mLs of emesis and states he is very nauseated. You notify the health care provider who orders normal saline 100ml/hr IV, which is started at 12:00. The patient consumed ½ cup of ice chips. For dinner the health care provider ordered clear liquids. 14:00 the patient voided 225 mL of urine. At dinner the patient took 1 cup of chicken broth, ½ cup of jello and 8 ounces of tea. At 18:00, the patient voided 100ml of urine. Your shift ends. What is the intake and the output of this patient?

4) A parent brings in their infant for fever and ear infection. The physician orders 300mg of Amoxicillin. The pharmacy sends you this 

How many mL do you give your patient? **Round to the nearest tenth.**

5) The physician has ordered 500 mg of XX medication. The pharmacy sends 0.25 g pills of XX medication. How many pills should you give?

6) The OR calls and tells you to have your patient ready for surgery at 13:00 today. What time is this in standard time? (Be sure to include am/pm)

7) The physician orders Doxycycline 10 mL for a child with a sore throat.

The pharmacy sends this medication 

The mother complains that you gave Vibramycin and that is not what the doctor ordered. What do you tell her? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) The physician orders 250 mcq of digoxin po daily for your patient. The pharmacy sends digoxin 0.25mg per mL. How many mL do you administer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9) Your patient is to receive 6 mg of Ketorolac every 6 hours as needed for postoperative pain. How many mL’s will you give per dose?

10) Your patient’s IV is infusing at 100mL/hr. Halfway through your 12 hour shift the IV infiltrates, you stop the infusion and cannot restart a new IV. How many mL’s did your patient receive for your shift?