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Medication Math Packet #1

Due Date: 10/16/2020

Time: 0830

Instructions - Page 2

1. Complete the packet.
2. *Use the Answer Sheet to record your answers. The answer sheet is a fillable form. Fill it out, save it and send it to me as an attachment to an email through LMS.*
3. **For MAC users:**
Save the form in Rich Text Format (RTF) so I can open it.
Instructions to do that are:
 - a. Open the document in Word on your Mac
 - b. Fill out the answer sheet
 - c. Click the “Save as Type” drop-down menu and click the “Rich Text Format” option.
 - d. Then save the file and place in the drop box.
4. You can turn it in prior to the official due date.

It must be turned in by the due date and time noted on the cover page.

No minimum score is required, just complete it and turn it into me.

Instructional Module 1

Medication Math Packet

1. A patient receives a 4 oz. bottle of cough syrup.
The instructions are to take 1 $\frac{1}{2}$ teaspoons QID until finished.
How many days will the bottle last?

A. 2 days	B. 4 days	C. 5 days	D. 7 days
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Use this information for Questions #2 and #3

Order: 750 mg of a medication to be given in 3 equal doses daily
Available: 125 mg / 5 mL

2. How many mL of the medication should be given per dose?
3. How many mg of the medication should be given per dose?

Complete these conversions - Questions #4 to #8

4. 30 mL = _____ tsp / _____ Tbsp / _____ oz
5. 186 lb = _____ kg
6. 480 mL = _____ cup
7. 150 lbs = _____ kg
8. 80 kg = _____ lbs
9. Order: Administer 90 mg propranolol PO x 1
Available: propranolol 40 mg / mL
How many mL should the nurse administer?

Use this information for Questions #10 and #11

A patient is to take 2 teaspoons of a liquid medication every 6 hours x 8 days.

10. How many teaspoons per day?
11. How many teaspoons at the end of 8 days?
12. 30 mg = _____ g
13. 5 tsp = _____ mL

14. Calculate the fluid intake in mL for the items
3 oz. grape juice + 6 oz. broth + 9 oz. coffee + 12 oz. soft drink
15. Order: Administer 1.5 g amoxicillin PO daily divided in three equal doses
What is the dosage in mg per dose?
16. Order: Administer codeine 30 mg PO q 6 hours prn pain score 5 or >
Available: codeine 70 mg / mL
How many mL provides 1 dose?
17. Order: Administer fluorouracil 6 mg/kg/day IV x 1 dose, not to exceed 800 mg per day
Available: fluorouracil 1 g/20 mL
Patient's weight: 200 lbs
How many mL for the dose? Round to the nearest whole number
Is the dose within the limit for a daily dose?
18. Order: Administer progesterone 1.5 mg PO daily
Available: progesterone 600 mg / scored tablet
How many tablets should be administered per dose?
19. A patient's output for the 3 to 11 pm shift:
1500 Urine: 325 mL + Emesis: 75 mL
2100 Urine: 225 mL
2200 Nasogastric tube drainage: 200 mL
2300 Wound drain 50 mL of wound drainage
What is the amount in liters?
20. Administer chloral hydrate 200 mg X 1 dose
Available: chloral hydrate 250 mg/mL
How many mL should be administered?