

- 1. Use the Answer Sheet to record your answers.**
- 2. When documenting your answers:**
 - For multiple choice questions, record the letter of your answer on the sheet**
 - As applicable, record the vehicle (mg, mL, oz, etc.) with the answer.**
- 3. Place your answer sheet in Dropbox 1.**
- 4. You can turn it in prior to the official due date.**

No minimum score is required for this packet.

For MAC users:

Save the form in Rich Text Format (RTF) so I can open it. If needed, here are instructions.

When saving the completed Word document:

- a. Click on the “Save as Type” drop-down menu**
- b. Click the “Save as Type” drop-down menu**
- c. Click the “Rich Text Format” option.**
- d. Save the file and place in the dropbox.**

Answer Sheet - Name: Eric (Jay) Vasquez

1. B
2. D
3. C
4. 6 tsp / 2 Tbsp / 1 oz
5. 84.6 kg
6. 16 C
7. 68.2 kg
8. 176 lbs
9. B
10. C
11. D
12. A
13. B
14. 900 mL
15. 500 mg
16. 0.3 mL
17. 11 mL, Yes, it is within the limit for daily dose
18. 10 mL
19. 0.875 L
20. 0.8 mL

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?

A. 3 mL	B. 5 mL	C. 7.5 mL	D. 10 mL
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3. How many mg of the drug should be given per dose?

A. 125 mg	B. 225 mg	C. 250 mg	D. 375 mg
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Complete these conversions - Questions #4 to #8

4. 30 mL = ___6___ tsp / ___2___ Tbsp / ___1___ oz
5. 186 lb = 84.6__ kg
6. 480 mL = 16___ C
7. 150 lbs = 68.2__ kg

8. 80 kg = 176__ lbs

9. Available: Liquid medication - 250 mg/10 mL
How many mL contain 50 mg of this medication?

A. 1 mL	<u>B. 2 mL</u>	C. 3 mL	D. 4 mL
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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?

A. 4 tsp	B. 6 tsp	<u>C. 8 tsp</u>	D. 10 tsp
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11. How many teaspoons at the end of 8 days?

A. 24 tsp	B. 36 tsp	C. 48 tsp	<u>D. 64 tsp</u>
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12. 30 mg = ____ g

A. <u>0.03</u>	B. 0.030	C. 0.0003	D. 0.000030
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13. 5 tsp = __25__ mL

A. 20	<u>B. 25</u>	C. 50	D. 75
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14. Calculate the fluid intake in mL for the items
3 oz. grape juice + 6 oz. broth + 9 oz. coffee + 12 oz. soft drink.
900mL
15. Administer 1.5 g PO daily in three equal doses
What is the dosage in mg per dose?
500mg
16. Administer medication 2.5 mg PO daily
Available: medication 40 mg/5 mL
What is the dose in mL?

0.3mL

17. Administer fluorouracil 6 mg/kg/day IV x 1 dose, not to exceed 800 mg per day
545.4mg
Available: 1 g/20 mL
The patient weighs 200 lbs
How many mL for the dose? Round to the nearest whole number 11mL
Is the dose within the limit for a daily dose? Yes
18. Order: 500 mg PO daily
Available: 0.25 g/5 mL
What is the dose in mL?
10mL
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? 0.875 L
20. Administer chloral hydrate 200 mg X 1 dose
Available: chloral hydrate 250 mg/mL
What volume should be administered?
0.8 mL