



- 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: Hailey Goulas**

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 limit of daily dose

18. 4 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 ½ teaspoons QID until finished. How many days will the bottle last?

A. A. 2 days	<b><u>B. 4 days</u></b>	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. A. 3 mL	B. 5 mL	C. 7.5 mL	<b><u>D. 10 mL</u></b>
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3. How many mg of the drug should be given per dose?

A. A. 125 mg	B. 225 mg	<b><u>C. 250 mg</u></b>	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. A. 1 mL	<b><u>B. 2 mL</u></b>	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. A. 4 tsp	B. 6 tsp	<b><u>C. 8 tsp</u></b>	D. 10 tsp
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11. How many teaspoons at the end of 8 days?

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

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

A. A. 20	<b><u>B. 25</u></b>	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.  
900 mL
15. Administer 1.5 g PO daily in three equal doses  
What is the dosage in mg per dose?  
500 mg
16. Administer medication 2.5 mg PO daily  
Available: medication 40 mg/5 mL  
What is the dose in mL?  
0.6 mL

17. Administer fluorouracil 6 mg/kg/day IV x 1 dose, not to exceed 800 mg per day  
Available: 1 g/20 mL  
The patient weighs 200 lbs  
How many mL for the dose? Round to the nearest whole number  
Is the dose within the limit for a daily dose?  
11 mL, yes
18. Order: 500 mg PO daily  
Available: 0.25 g/5 mL  
What is the dose in mL?  
4 mL
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