

## Medication Worksheet N321

Name Koti York  
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Date

1. How many mL are in a teaspoon? **5 ml**
2. 750 mcg is how many mg? **0.75 mg**
3. Express number to the nearest hundredth 2.345 **2.35**
4. Solve the following equation  $55 \times 0.15$ . Express your answer to the nearest tenth **8.3**
5. 2.5 L is how many mL? **2500 ml**
6. 750 mg is how many grams? **0.75 g**
7. Convert weights to kg:
  - a. 154 lbs. **70 kg**
  - b. 123 lbs. **55.9 kg**
  - c. 15.4 lbs. **7 kg**
8. 45 min = how many hours? **0.75 hrs**
9. The nurse needs to infuse 250 mL over 45 minutes by infusion pump. At what rate per hour does the nurse set the pump? **333.3 ml/hr**
10. The provider has ordered 1 L of 0.9NS over 12 hours. At what rate per hour does the nurse set the pump? **83.3 ml/hr**

11. Your patient was ordered 28 units regular insulin, and 64 units NPH insulin. In all how many units of insulin will the nurse administer? **92 units**
12. An IV medication of 250 mL is started at 0750 to run at 33 gtts/min using 10 gtts/mL. How long will the infusion run? **76 min would end at 0906**
13. Calculate IV flow rate for 1200 mL to be infused in six hours. Using tubing with drip factor of 20 gtts/mL. **66.7 gtt/ml**
14. The patient is ordered Tylenol elixir at 325 mg per teaspoon. How many mL would the nurse administer? **5 ml**
15. The provider orders 2mg Dilaudid IVP and you have on hand 4mg per 2 mL. How many mL will you give? **1 ml**
16. The nurse hangs 1 L of 0.9NS at 9 am @ 125 mL/hr what time will the IV be finished? (Military time) **1700**
17. What is 2pm in Military time? **1400**
18. What is 6 am in military time? **0600**

Blood glucose (mg/dL)	Insulin (units)
61-150	0
151-200	3
201-250	5
251-300	8
301-350	10
351-400	12
>400	15 <sup>a</sup>

19. <sup>a</sup>Physician should be contacted. According to this chart how much insulin would you give a patient with a blood glucose of 275? **8 units**
20. J. Smith weighs 205 lb. The doctor orders 15 mg/kg of medication. Convert the patient's weight into kilograms. Mr. Smith weighs **93.2** kg. What is the correct dose of medication for Mr. Smith? **1398** mg.
21. Doctor's order says: 300 mL of Normal Saline to infuse over 6 hours. What is the hourly rate? **50 ml/hr**
22. Doctor's order says: 300 mL of Packed Red Blood Cells to infuse over 4 hours. What is the hourly rate? **75 ml/hr**
23. Doctor's order says: 250 mL of Vancomycin to infuse over 45 minutes. What is the hourly rate? **333.3 ml/hr**

24. Doctor's order says: 2,500 mL of D5 1/4 Normal Saline to infuse over 1 day. What is the hourly rate?  
**104.2 ml/hr**
25. Doctor's order says: 1000 mL of TPN to infuse over 36 hours. What is the hourly rate? **27.8 ml/hr**
26. Doctor's order says: "Infuse 1500 mL of Lactated Ringer's over 12 hours." Drip factor: 15 gtt/mL? Calculate IV flow rate **31.3 gtt/ml**
27. Doctor's order says: "0.4 L of D5W in Normal Saline to infuse over 3 hours." Drip factor: 10 gtt/mL. Calculate IV flow Rate **22.2 gtt/ml**
28. Doctor's order says: "500 mL of D5 1/2 Normal Saline with 10 meq of potassium chloride to infuse over 5 hours " Drip factor: 10 gtt/mL Calculate IV flow Rate **16.7 gtt/ml**
29. Doctor's order says: "3 L of D5W with 20 meq of potassium chloride to infuse over 24 hours" Drip factor: 10 gtt/mL. Calculate IV flow rate **20.8 gtt/ml**

**30. Provider order an IM injection of 250mg and you have 500mg per 10 mL. How many mL will the nurse draw up into the syringe? 5 ml**