Medication Worksheet N321

Name Jamal Dria

(each worth 1 point)

50 mcg = 0.05 mg

1000 mg = 1 g

0.03 g = 30 mg

1 g = 1000 mg

1 fl oz = 30 mL

1 tbsp = 15 mL

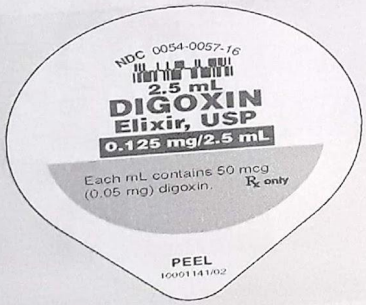
1 tsp = 5 mL

30 mL = 1 fl oz

3 tsp = 15 mL

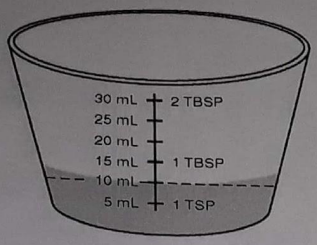
1L= 1000 mL

(Each problem worth 2 points)



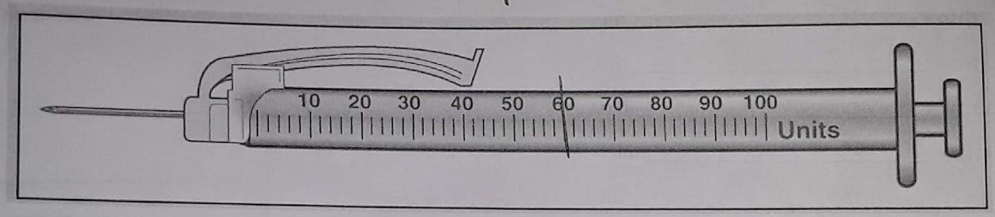
1. The provider orders Digoxin elixir 0.25 mg BID. Using the picture, how many mLs will be given with each dose? (round to whole number if needed)

$$\frac{0.25\ mg}{0.125\ mg} = 2 \times 2.5\ mL = 5\ mL$$



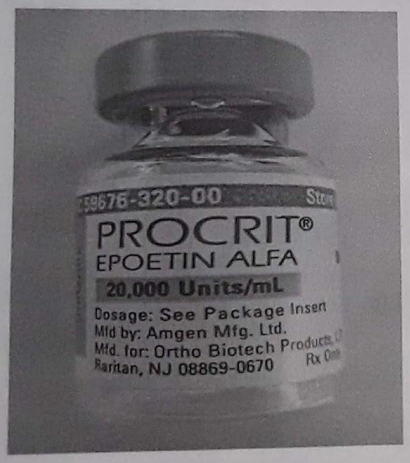
2. Using the picture above how many teaspoons will you be giving?

2 teaspoons



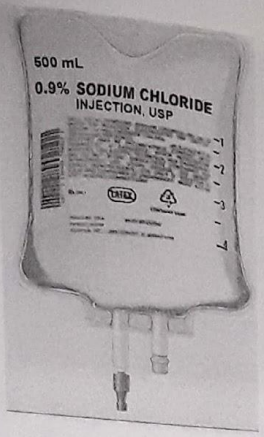
3. The provider orders Regular insulin of 56 units. The nurse draws insulin in the syringe. According to the picture is the insulin drawn up correctly?

No, there are 4 units over the prescribed amount



4. The provider orders Epoetin 8000 units subq on Tuesday, Thursday & Saturday. How much will be drawn using the picture above per dose? (Round to nearest tenth if needed)

$$\frac{8000 \text{ units}}{20000 \text{ units}} = 0.4 \text{ mL}$$



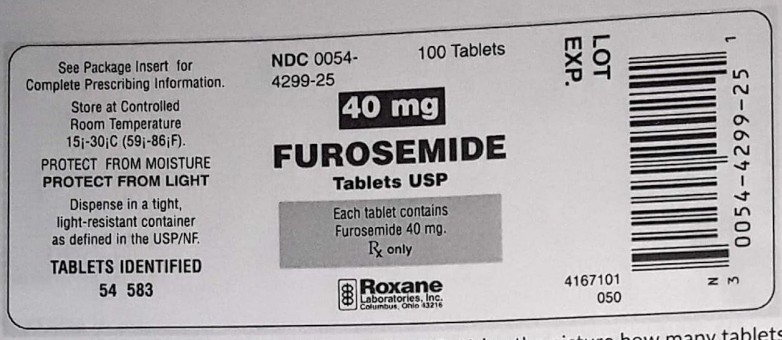
5. The provider orders intravenous fluids for 6 hours. The picture above is your bag of fluids to be hung. How many mL/hr will you run this order? (Round to the nearest tenth if needed)

$$\frac{500\ mL}{6\ hours} = 83.3\ mL/hr$$

6. The provider Orders the fluids above to run at 50mL/hr.
   a. How long will bag run in hours
   b. If bag started at 0800 what time, will infusion be complete? (Military time)

$$500\ mL \times \frac{1\ hr}{50\ mL} = 10\ hours$$

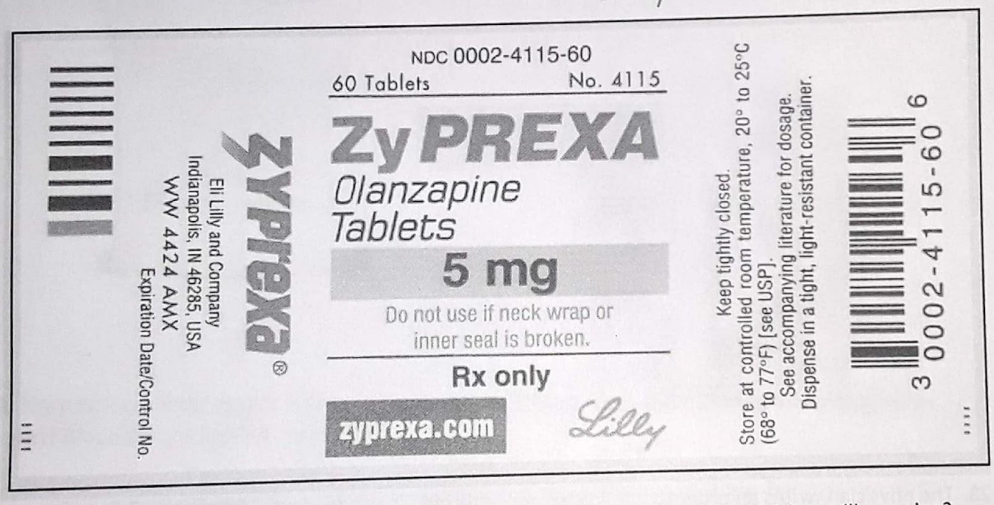
0800 → 1800



24. The provider orders 20mg PO of furosemide BID. Using the picture how many tablets will you give?

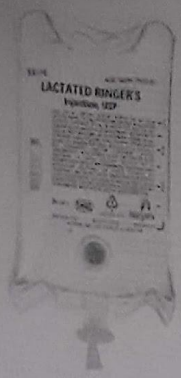
$\frac{20\text{ mg}}{40\text{ mg}}$ = 0.5 tablets per dose

1 tablet daily



25. The provider orders Zyprexa 10 mg PO once a day. Using picture how many tablets will you give?

$\frac{10\text{ mg}}{5\text{ mg}}$ = 2 tablets



22. The patient received 500 mL of lactated ringers. How many Liters did the patient receive?

$$500\ mL \times \frac{1\ L}{1000\ mL} = 0.5\ L$$

23. The physician writes an order to administer an Synthroid. The order says: "Administer 0.5 mg by mouth daily". How many tablets do you administer per dose?

$$\frac{0.5\ mg}{0.125\ mg} = 4\ tablets$$

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[a]

[a]Physician should be contacted.

19. According to this chart. The client blood sugar is 404 mg/dl. What is the next step?

Administer 15 units of insulin and contact provider

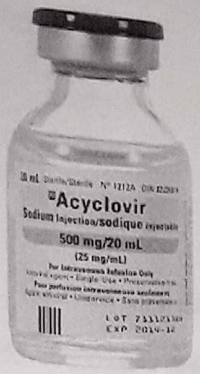
20. The provider orders 1L of 0.9 NS to run over 10 hours. How many mL/hr will the infusion pump be set? (Round to the tenth if needed)

$$1\ L \times \frac{1000\ mL}{1\ L} \times \frac{1\ mL}{10\ hrs} = 100\ mL/hr$$

21. The client had 8oz of water, 4 oz of juice, 500 mL of 0.9 NS, and 4oz of coffee. How much intake do you record?

8 x 30 = 240
4 x 30 = 120
500
4 x 30 = 120

860 mL



17. Provider orders 10 mg/kg of Acyclovir. The patient weighs 121 lbs. How many mL will you administer per dose? (Round to the whole number if needed)

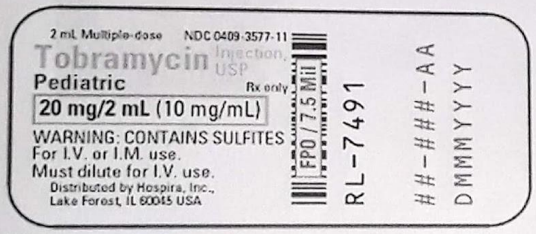
$$121\ lbs \times \frac{1\ kg}{2.2\ lbs} \times \frac{10\ mg}{1\ kg} \times \frac{20\ mL}{500\ mg} = 22\ mL$$

18. Provider orders Heparin 50 units/kg/dose subcutaneous daily. The patient weighs 93 kg. What you have on hand is the picture above. How many mL/dose will you administer?

$$93\ kg \times \frac{50\ units}{1\ kg} \times \frac{1\ mL}{5000\ units} = 0.93\ mL$$

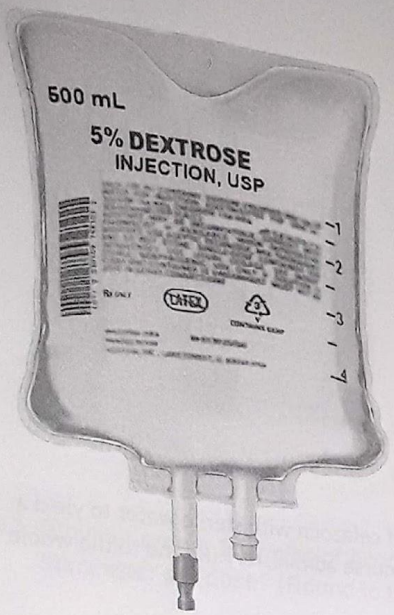
15. The provider orders 2g IM. The nurse reconstitutes a 1g vial of cefazolin with sterile water to yield a final concentration of 330 mg/ mL. How many mL should the nurse administer? (Round to the whole number if needed)

$$1\ g \times \frac{1000\ mg}{1\ g} \times \frac{1\ mL}{330\ mg} = 3\ mL$$



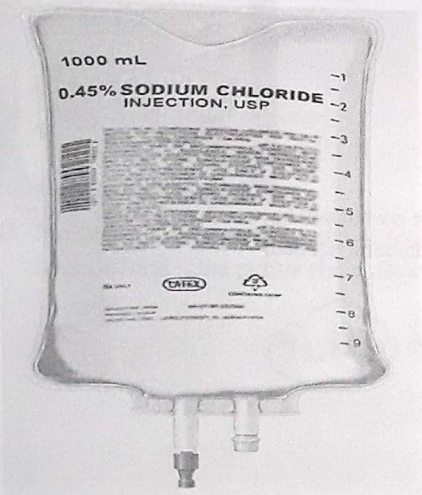
16. The provider orders Tobramycin 4mg/kg/dose. The picture is what you have on hand. How many mL will is needed to give? Weight is 60 kg. (round to whole number if needed)

$$60\ kg \times \frac{4\ mg}{1\ kg} \times \frac{2\ mL}{20\ mg} = 24\ mL$$



13. The provider orders this bag to be hung for 6 hours using a drip rate of 10 gtts/mL. How many gtt/min would the pump be set? (Round to the whole number if needed)

$$\frac{500\ mL}{360\ min} \times \frac{10\ gtts}{1\ mL} = 14\ gtts/mL$$



14. The provider order 0.45 to be given over 12 hours using a drip rate of 20gtts/mL. The infusion pump will be set at how many gtts/min? (Round to the whole number)

$$\frac{1000\ mL}{720\ min} \times \frac{20\ gtts}{1\ mL} = 28\ gtts/min$$

ROUND ORANGE
TABLET
Side 1: 029
Side 2: R

This Drug May Impair The Ability To Drive Or Operate Machinery. Use Care Until You Become Familiar With Its Effects.

Do Not Take Other Medicines Without Checking With Your Doctor Or Pharmacist.

CALVIN MATHER
353 SUWANEE AVE SARASOTA, FL 34243

DATE: **07/09/11**

ALPRAZOLAM 0.5MG TABLETS
MFG ACTAVIS - SUBSTITUTED FOR XANAX 0.5MG TABLETS
TAKE 1 TABLET BY MOUTH UP TO 3 TIMES DAILY

WIC#957754 Patent Pending

RX **0493567-64430**

EXPIRATION DATE 07/09/12

QTY **90**

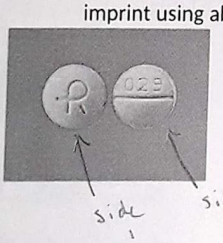
NO REFILLS - DR. AUTH REQUIRED

Walgreens
3535 N TAMIAMI TRAIL, SARASOTA, FL 34234
(941) 360-3474

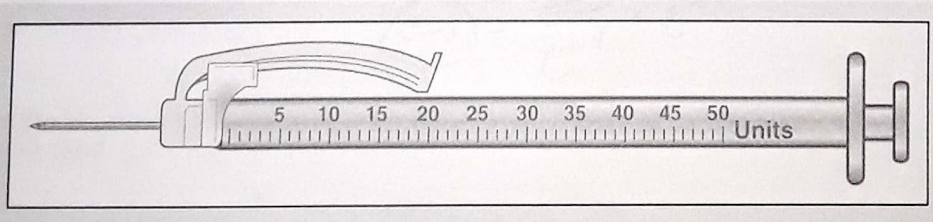
QXN/YAK/YAK/YAK

CAUTION: FEDERAL LAW PROHIBITS THE TRANSFER OF THIS DRUG TO ANY PERSON OTHER THAN THE PATIENT OR WHOM IT WAS PRESCRIBED - RX ONL

11. According to this drug label answer the questions?
    a. When is the discard date? 7/9/12
    b. The imprint is on medications to identify, see example below, what is this medication imprint using above picture?



Identifies that the drug matches the prescription for alprazolam

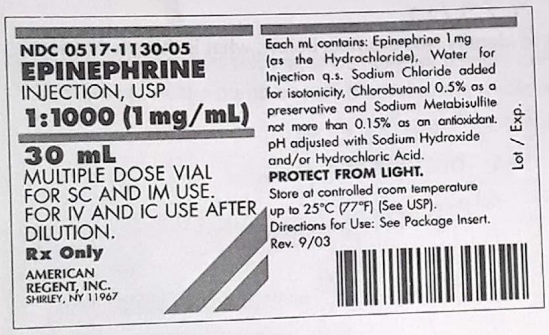


12. The provider orders 25 units of regular insulin and 10 units of NPH insulin. How much would you draw up into the syringe?

35 units

9. The provider orders ondansetron 4mg TID. How many mg will you give in a 24 hour period?

$4\ mg \times 3 = 12\ mg$



10. The provider orders 1mg epinephrine. How many mL will be drawn up per dose? (Round to whole number if needed)

$1\ mg \times \frac{1\ mL}{1\ mg} = 1\ mL$

7. Provider orders Cubicin 500 mg to run in 30 min. Using picture above what mL/hr should be set? (Round to the tenth if meeded)

$$\frac{100\ mL}{0.5\ hr} = 200\ mL/hr$$

8. The provider orders furosemide 20 mg IV BID. Using the picture how many mL will need to be drawn up per dose?

$$20\ mg \times \frac{1\ mL}{10\ mg} = 2\ mL$$