

CHAPTER 9: CALCULATING ORAL MEDICATION DOSES

Name: _____

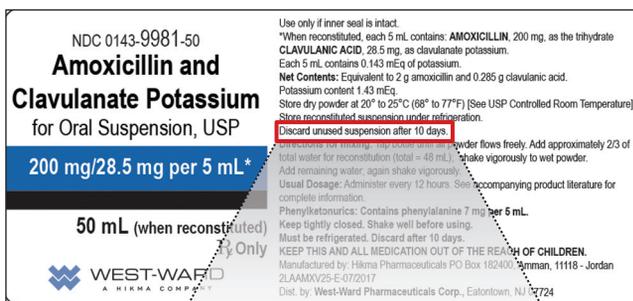
Date: _____

Instructions: *Read the drug label and identify and complete the information requested for each question.*

1. Cephalexin for oral suspension 0.5 g is ordered every 12 hr. The pharmacy sends the following drug. Which of the following apply to the administration of this ordered dose? (Select all that apply.)



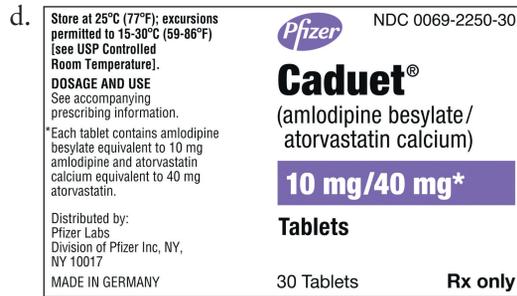
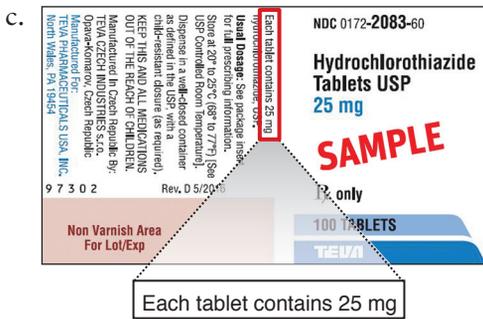
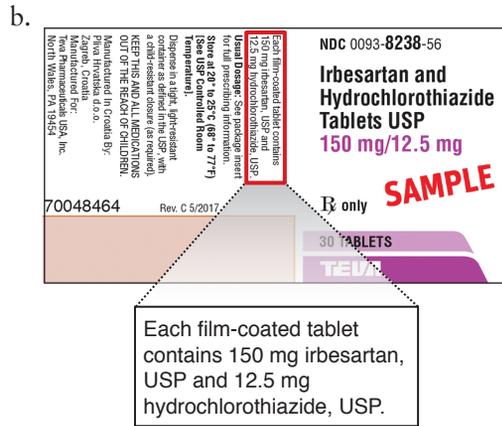
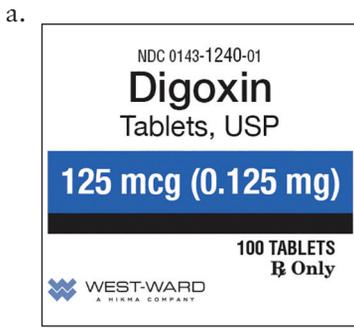
- One-half tsp will administered.
- This bottle will last for 12 days.
- 2 tsp will be administered.
- A medicine cup can be used.
- For enteral use only.
2. Amoxicillin and clavulanate potassium for oral suspension 200 mg / 28.5 mg is ordered every 12 hr. The pharmacy sends the following medication for the nurse to reconstitute. On May 5, the nurse is preparing to give the first dose at 8 PM.



Discard unused suspension after 10 days.

- a. Complete the label with the appropriate information.
- b. This bottle of amoxicillin and clavulanate potassium for oral suspension should be discarded after _____ (date).
- c. Based on the ordered dose for the patient, this bottle of amoxicillin and clavulanate potassium for oral suspension will last how many days? _____

Instructions: Use the drug labels (a–d) to answer questions 3 to 4.



3. Which of the drug labels (a, b, c, or d) indicate a fixed dose combination? _____
4. Digoxin 0.25 mg is ordered PO every morning. How many tablets will the patient take every morning?



5. Spironolactone 50 mg is ordered for the patient. Which drug will the nurse choose? How many tablet(s) will the nurse administer to the patient? _____

Instructions: For questions 6 to 8, use the electronic medication record and the drug labels to solve the following problems.

6.

Electronic Medical Record MAR ✕

Name Age Gender DOB
 MR # Allergies Room
 Date Time ← →

Scheduled Medications

Time	Drug name	Dose	Route	Freq.	Adm.
0900	Cephalexin for Oral Suspension	0.325 g	PO	every 12 hr	



How much cephalexin oral suspension will the nurse administer to the patient at 0900?

7.

Electronic Medical Record MAR ✕

Name Age Gender DOB
 MR # Allergies Room
 Date Time ← →

Scheduled Medications

Time	Drug name	Dose	Route	Freq.	Adm.
1600	sulfasalazine	1.5 g	PO	every 12 hr	



To administer the ordered dose, the nurse will give the patient how many tablets?

8.

Electronic Medical Record MAR ✕

Name Age Gender DOB
 MR # Allergies Room
 Date Time ← →

Scheduled Medications

Time	Drug name	Dose	Route	Freq.	Adm.
0800	Glucotrol XL	5 mg	PO	Daily	



To administer the ordered dose, the nurse will give the patient how many tablets?

9. Diazepam Intensol oral solution 20 mg is ordered. The nurse has the following bottle. To administer the ordered dose, the nurse needs to (select the most appropriate):

NDC 0054-3185-44 30 mL EXP. LOT		NURSE/PATIENT: Fill dropper to the level of the prescribed dose. For ease of administration, add dose to approximately 30 mL (1 fl oz) or more of juice or other liquid. May also be added to applesauce, pudding or other semi-solid foods. The drug-food mixture should be used immediately and not stored for future use. Return dropper to bottle after use.
Diazepam Intensol™ Oral Solution (Concentrate) 25 mg per 5 mL (5 mg/mL) Each mL contains 5 mg diazepam USP, alcohol 19%. USUAL DOSAGE: See Package Insert for Complete Prescribing Information. Store at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature.]  WEST-WARD A HIKMA COMPANY Rx only		
Dispense only in this bottle and only with the calibrated dropper provided.		NURSE/PATIENT: Fill dropper to the level of the prescribed dose. For ease of administration, add dose to approximately 30 mL (1 fl oz) or more of juice or other liquid. May also be added to applesauce, pudding or other semi-solid foods. The drug-food mixture should be used immediately and not stored for future use. Return dropper to bottle after use.
Discard opened bottle after 90 days. PROTECT FROM LIGHT. Distr. by: West-Ward Pharmaceuticals Corp. Eatontown, NJ 07724 10002		

- Give 4 mL of the oral solution.
- Mix and store the drug in 1 oz of juice.
- Identify drug as a controlled substance.
10. The nurse administered 2.5 mL of acyclovir oral suspension to the patient. How many mg did the nurse give the patient?



actavis

NDC 0472-0082-16
 Rx Only

Acyclovir
 Oral Suspension USP

200 mg/5 mL

SHAKE WELL BEFORE USING

EACH 5 mL (ONE TEASPOONFUL) CONTAINS:
 Acyclovir 200 mg and added as preservatives methylparaben 0.1% and propylparaben 0.02%.
 For indications, dosage, precautions, etc., see accompanying package insert.

Store between 15°-25°C (59°-77°F). Protect from light. Dispense in a child-resistant container as warranted in the USP. See label or bottom of container for lot number and expiration date.

SAMPLE

One Pint (473 mL)