



## Dosage Calculations II – Focus on Conversions (LPN)

**CONVERSIONS:** Convert the following measurements (answers to the nearest tenth)

- 1) 4.2 oz → \_\_ mL
- 2) 6 tsp → \_\_ tbsp
- 3) 3.5 cc → \_\_ tsp
- 4) 200 mL → \_\_ L
- 5) 1.41 mg → \_\_ mcg
- 6) 72 kg → \_\_ lbs
- 7) 115 lbs → \_\_ kg
- 8) 8500 mcg → \_\_ mg
- 9) 15 tbsp → \_\_ oz

**TABLET DOSES:** Calculate the following dosages.

- 10) Order: acetylsalicylic acid 0.5 g p.o. for pain  
Supply: 250 mg tablets  
Give: \_\_\_\_
- 11) 375 mg of amoxicillin is ordered for a patient. The available tablets are 0.250 g.  
\_\_\_\_ tablets should be given to the patient.
- 12) Warfarin is supplied at 1000 mcg per tablet. The physician prescribes 3.0 mg.  
Give: \_\_\_\_

**FLUID DOSES:** Calculate the following dosages.

- 13) Order: furosemide 30 mg po q4h prn.  
On Hand: 10 mg/mL  
Give: \_\_\_\_
- 14) A patient requires 0.500 g clarithromycin b.i.d. The drug is available in a 100 ml bottle containing 125 mg/5 mL.  
\_\_\_\_ mL should be given to the patient.
- 15) 0.25 g of Oxycodone hydrochloride is prescribed to a cancer patient. The drug is available as a 100 mg/5 mL syrup.  
Give: \_\_\_\_

*Solutions:* 1) 126.0 mL 2) 2.0 tbsp 3) 0.7 tsp 4) 0.2 L 5) 1410.0 mcg 6) 158.4 lbs 7) 52.3 kg 8) 8.5 mg 9) 7.5 oz  
10) 2 tabs 11) 1.5 tabs 12) 3 tabs 13) 3 mL 14) 20 mL 15) 12.5 mL

