

Week 5 - Dose Calculations Practice

1. A patient is ordered 50 milligrams of Amoxicillin trihydrate orally TID. 125 mg/5 mL of Syrup is available. How many mL should the nurse administer per dose?

- A. 1 ½
- B. 2
- C. 3 ½
- D. 5

2. A patient is ordered 50 milligrams of Aminophylline intravenously once. 250 mg/10 mL of Aminophylline liquid for IV Injection is available. How many mL should the nurse administer?

- A. 2
- B. 3
- C. 4
- D. 5

3. A patient is ordered 5 mg of Flupenthixol decanoate by intramuscular injection daily. 40 mg in 2 mL of liquid for IM Injection is available. How many mL should the nurse administer?

- A. 0.14
- B. 0.25
- C. 1.25
- D. 1.5

4. A patient is ordered 13 mg of Morphine sulphate by intramuscular injection every 4 hrs PRN pain of 4-6. Morphine sulphate 5 mg/mL is available. How many mL should the nurse administer?

- A. 2.6
- B. 3.2
- C. 5.4
- D. 6.2

5. A patient is ordered 75 micrograms of Fentanyl citrate intravenously IM prn pain, level 7-10. 0.1 mg/mL of Fentanyl is available. How many mL should the nurse administer?

- A. 0.25
- B. 0.3

C. 0.5
D. 0.75

Week 1 – Math Practice Answers:
1.B 2.A 3.B 4.A 5.D