

Jakarra Dandridge

Medication Math Assignment #2 –

Self-test 1 (pg. 269)

(Round to the nearest WHOLE number)

1a. 8 mL/hour

1b. 31 hours

2. 100 mL/hour

3. 42 mL/hour

4. 8 mL/hour

5. 4 mL/hour

6a. 30 mL/hour

6b. 8 hours

7. 10 mL/hour

8a. 24 mL/hour

8b. 21 hours

9a. 23 mL/hour

9b. 11 hours

10. 33 mL/hour

Proficiency Test Questions (pg. 244)

(Round to the nearest WHOLE number)

1a. 7 hours

1b. 25 gtt/min macrodrip
150 gtt/min microdrip

1c. macrodrip tubing

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- 2a. 3 gtt/min macrodrip
17 gtt/min microdrip
- 2b. microdrip tubing

3a. Allow for 100 mL of the 250 mL NS bag to drain aseptically.

- 3b. 13 gtt/min macrodrip
50 gtt/min microdrip

3c. Any size tubing would be correct to use. Microdrip tubing will produce a better drip flow.

4. 21 mL/hour

5a. Reconstitute the 100 mg powder to 250 mL/D5W. Give IVPB over 1 hour (60 minutes). Label.

5b. 42 gtt/min

6a. 5 mL of aminophylline is needed

6b. 31 gtt/min

7. 2800 mL

8a. 90 mL/hour

8b. 11 hours

9. 50 mg/hour

10a. 75 mL D5W; remove 25 mL of D5W from 100 mL D5W bag aseptically. Add 5 mL of Bactrim to the 75 mL; time is 60 minutes. Label.

10b. Set the pump for 60 minutes. Set the secondary volume to 75 mL. Set the secondary rate to 75 mL/hour. For 90 minutes, the rate would be 50 mL/hour. The secondary volume will be 75 mL and the secondary rate will be 50 mL/hour.

11. 37.5 mL of water

12. 250 mL of water

13. 300 mL of water

14. 0 mL of water

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