

1. An order reads 1000 ml D5W to infuse at 90 ml per hour. Using a standard macrodrip set of 20 gtt/ml, the fluid at _____ gtt/ml per minute.
gtts/ min = gtt/ml (drop factor) of tubing set X hourly volume in ml
divided by 60 minutes

Answer:

2. The order reads 250 ml to be infused over 4 hours. Using a tubing with a drop factor of 10, calculate the number of drops per minute.
gtts/ min = gtt/ml (drop factor) of tubing set X hourly volume in ml
60 minutes

Answer:

3. Infuse 150 ml over 90 minutes using a IV set with a drop factor of 20. Calculate the number of drops per minute.
gtts/ min = gtt/ml (drop factor) of tubing set X hourly volume in ml
60 minutes

Answer:

4. If the orders read to infuse 1500 ml over 16 hours. At what rate would you set the infusion pump?

Answer:

5. If you have an order that reads to give a bolus of Normal Saline 0.9% of 500 ml over 4 hours. At what rate would you set the infusion pump?
Vol

_____ time in hours

Answer:

6. An IV medication of 75 ml is to infuse at a rate of 28 ml per hour. How long would it take for this medication to infuse?

Answer:

7. An IV medication of Ancef 750 mg in 200 ml of Normal Saline is to infuse at 60 ml per hour. If you hang this bag at 0815 when would this infusion end?

Answer:

8. An order reads to infuse 1/2 Normal Saline at 110 ml per hour. If you hang a 1000 ml bag of fluid how long would it take to complete this bag of fluids?

Answer:

9. An IV had 600 ml left to infuse at 0700, you hung a new 1000 ml bag at 1400, and the patient received 2 antiinfective secondary medications, each 125 mls. At the end of your shift the IV had 300 ml left. What was the total IV intake for this patient?

Answer:

10. Pat yourself on the back. You have completed the calculations

- True
- False

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