

IV Calculations Practice Problems ANSWERS

1. Order: 1200 mL of Normal Saline IV at 150 mL/hour. The drop factor is 10 gtt/mL
Flow rate: _____gtts/min

$$\frac{150 \text{ ml}}{60 \text{ min}} \times 10 \text{ gtt/ml} = \frac{150 \times 10}{60} = \frac{1500}{60} = 25 \text{ gtt/min}$$

2. You are to administer 1000 mL of D5W to infuse at 200 mL/hour. The drop factor is 15 gtt/mL
Flow rate in gtt/min will be: _____

$$\frac{200 \text{ ml}}{60} \times 15 \text{ gtt/ml} = \frac{200 \times 15}{60} = \frac{3000}{60} = 50 \text{ gtt/min}$$

3. Administer 1.5 Liters of Lactated Ringers solution IV over 24 hours by infusion pump. How fast will you infuse the IV in mL/hour?

$$\frac{1500 \text{ ml}}{24 \text{ hrs.}} = 62.5 \text{ ml round to } 63 \text{ ml/hr}$$

4. Give 750 mL of D5 ½ NS in 5 hours by infusion pump.
Flow rate: _____

$$\frac{750 \text{ ml}}{5 \text{ hrs.}} = 150 \text{ ml/hr}$$

5. Administer 1500 mL of 0.9% NS over 12 hours. Drop factor is 15 gtt/mL
Flow rate: _____125_____mL/hour
Flow rate: _____31_____gtts/min

$$\frac{1500 \text{ ml}}{12 \text{ hr.}} = 125 \text{ ml/hr} \qquad \frac{125 \text{ ml}}{60 \text{ min}} \times 15 \text{ gtt/ml} = \frac{125 \times 15}{60} = \frac{1875}{60} = 31.25 \text{ gtt/min}$$

Iv Math Practice Problems

KJ Lindholm-Leary



Iv Math Practice Problems:

Reviewing **Iv Math Practice Problems**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Iv Math Practice Problems**," an enthralling opus penned by a very acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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