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1. Δ A $\frac{800 \text{ units}}{25000} = \frac{250 \text{ mL}}{1 \text{ hr}} = 8 \text{ mL/hr}$

Δ B. $\frac{25000}{800} = 31 \text{ hours}$

2. Δ $\frac{1000 \text{ mL}}{1 \text{ mL}} = 100 \text{ mL/hr}$

3. Δ $\frac{1000 \text{ mL}}{24 \text{ hr}} = 41.6 / 1000 = 42 \text{ mL/hr}$

4. Δ $\frac{10}{125 \text{ mg}} = \frac{100 \text{ mL}}{1 \text{ hr}} = \frac{1000}{125} = 8 \text{ mL/hr}$

5. Δ $\frac{4 \text{ mg}}{1000 \text{ mL}} = \frac{1000}{1} = \frac{400}{100} = 4 \text{ mL/hr}$

6. Δ $\frac{150}{125} = \frac{3750}{125} = 30 \text{ mL/hr}$

7. Δ $\frac{250 \text{ mL}}{24 \text{ hr}} = 10 \text{ mL/hr}$

8. Δ A $\frac{1200}{25000} = \frac{500 \text{ mL}}{1 \text{ hr}} = 24 \text{ mL/hr}$

Δ b. $500 / 4 = 21 \text{ hr}$

9. Δ $\frac{23}{250} = 250 = 23 \text{ hrs}$

10. Δ $\frac{100,000}{250,000} = \frac{25000,000}{750,000} = 33 \text{ mL/hr}$

0. a. $\frac{10g}{150} = 66$ 6 hrs 42m

b. $\frac{150}{60} \times 10 = 25g\text{tt}/\text{min}$ macros
 2. $\frac{50}{10} \times 10 = 660$ 25gtt/min

3. $\frac{250}{100} = 150\text{mL}$
 b. $\frac{180}{10} = 3\text{hr}$
 $\frac{15}{100} \times 1.5 = 13g\text{tt}/\text{min}$ macros
 C. micro

4. $\frac{500}{24} = \frac{20.8}{500} = 2\text{mL}/\text{hr}$ 500mL

5. + 100mg to 250mL to recon.
 b. $\frac{250 \times 10}{60} = 42g\text{tt}/\text{min}$

b. $\frac{1g}{10\text{mL}}$
 I want = 500mg 5mL
 b. $\frac{250\text{mL}}{8\text{hr}} = 31\text{mL}/\text{hr} = 31g\text{tt}/\text{min}$

7. $12 \times 20 = 2500$
 $25 \times 4 = 300$
 $2500 + 300 = 2800\text{mL}$

8. a. $\frac{90\text{mL}/\text{hr}}{1000} = 11\text{hours}$
 90

9. 50mg

10. a. Remove 75mL of DSW
+ 5mL to 75mL. 60min

b. 6mins

$$\frac{75}{60} = 50\text{mL/hr}$$

$$\begin{aligned} 11. \quad \frac{3}{4} \times 500\text{mL} &= 111.5\text{mL} \\ 150 - 112 &= 37.5\text{mL} \end{aligned}$$

$$\begin{aligned} 12. \quad \frac{1}{5} \times 500 &= 250 \\ 500\text{mL} - 250 &= 250\text{mL} \end{aligned}$$

$$\begin{aligned} 13. \quad \frac{1}{4} \times 400\text{mL} &= 100\text{mL} \\ 400\text{mL} - 100\text{mL} &= 300\text{mL of water} \end{aligned}$$

14. 500mL Isocal
0mL of water