

[ BID = TWICE DAILY  
 there are 3-8 hrs in a day  $3 \times 8 = 24$  hrs ]

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$$\textcircled{1} \frac{\text{mL}}{\text{Dose}} \left| \frac{5\text{mL}}{125\text{mg}} \frac{20\text{mg}}{\text{Kj/dose}} \frac{\text{Day}}{3 \times 8 \text{hrs}} \frac{1\text{kg}}{2.2\text{lb}} \frac{24\text{lb}}{\text{pt}} = \frac{2400}{825} = 2.90909$$

$$= 2.9 \text{ mL dose}$$

$$\textcircled{2} \frac{\text{mL}}{\text{Dose}} \left| \frac{2\text{mL}}{50\text{mg}} \frac{0.5\text{mg}}{\text{lb}} \frac{45\text{lb}}{\text{pt}} = \frac{45}{50} = 0.9 \text{ mL/dose}$$

$$\textcircled{3} \frac{\text{mL}}{\text{Dose}} \left| \frac{20\text{mL}}{\text{VIAL}} \frac{\text{VIAL}}{10,000,000 \text{ U}} \frac{300,000 \text{ U}}{\text{Dose}} = \frac{6,000,000}{10,000,000} = 0.6 \text{ mL Dose}$$

$$\textcircled{4} \frac{\text{mL}}{\text{Dose}} \left| \frac{1\text{mL}}{300,000 \text{ U}} \frac{400,000 \text{ U}}{\text{Dose}} = \frac{400,000}{300,000} = 1.33\bar{3} = 1.3 \text{ mL Dose}$$

$$\textcircled{5} \frac{\text{mL}}{\text{Dose}} \left| \frac{5\text{mL}}{120\text{mg}} \frac{20\text{mg}}{\text{Dose}} = \frac{100}{120} = 0.833\bar{3} = 0.83 \text{ mL Dose}$$

$$\textcircled{6} \frac{\text{mL}}{\text{Dose}} \left| \frac{5\text{mL}}{125\text{mg}} \frac{5\text{mg}}{\text{kg}} \frac{1\text{kg}}{2.2\text{lb}} \frac{86\text{lb}}{\text{pt}} = \frac{2150}{275} = 7.8181\bar{8} = 7.8 \text{ mL Dose}$$

$$\textcircled{7} \frac{\text{mL}}{\text{Dose}} \left| \frac{4\text{mL}}{8\text{mg}} \frac{20\text{mg}}{\text{Dose}} = \frac{80\text{mg}}{8} = 10 \text{ mL Dose}$$

$$\textcircled{8} \frac{\text{mL}}{\text{Dose}} \left| \frac{1.5\text{mL}}{500\text{mg}} \frac{750\text{mg}}{\text{Dose}} = \frac{1125}{500} = 2.25 = 2.3 \text{ mL Dose}$$

$$\textcircled{9} \frac{\text{mL}}{\text{Dose}} \left| \frac{1\text{mL}}{80\text{mg}} \frac{60\text{mg}}{\text{gr}} \frac{3}{\text{Dose}} = \frac{180}{80} = 2.25 = 2.3 \text{ mL Dose}$$

$$\textcircled{10} \frac{\text{mL}}{\text{Dose}} \left| \frac{30\text{mL}}{103} \frac{103}{40\text{mg}} \frac{15\text{mg}}{\text{Dose}} = \frac{450}{40} = 11.25 = 11.3 \text{ mL Dose}$$

$$\textcircled{11} \frac{\text{mL}}{\text{Dose}} \left| \frac{1\text{mL}}{300,000} \frac{500,000}{\text{Dose}} = \frac{500,000}{300,000} = 1.666\bar{6} = 1.7 \text{ mL Dose}$$

$$\textcircled{12} \frac{\text{mL}}{\text{Dose}} \left| \frac{1\text{mL}}{100\text{mg}} \frac{1000\text{mg}}{1\text{g}} \frac{0.2\text{g}}{\text{Dose}} = \frac{200}{100} = 2 \text{ mL Dose}$$