

(14)

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$$\textcircled{1} \frac{\text{mg}}{\text{Dose}} \left| \frac{5 \text{ mg}}{\text{Kg}} \frac{1 \text{ Kg}}{2.2 \text{ lb}} \frac{86 \text{ lb}}{\text{pt}} = \frac{430}{2.2} = 195.4545\overline{45} \Rightarrow 195.45 \text{ mg}$$

$$\frac{\text{mL}}{\text{Dose}} \left| \frac{5 \text{ mL}}{125 \text{ mg}} \frac{5 \text{ mg}}{\text{Kg}} \frac{1 \text{ Kg}}{2.2 \text{ lb}} \frac{86 \text{ lb}}{\text{pt}} = \frac{2150}{275} = 7.8181\overline{8} \Rightarrow 7.8 \text{ mL Dose}$$

$$\textcircled{2} \frac{\text{mg}}{24 \text{ Hrs}} \left| \frac{100 \text{ mg}}{\text{Kg/day}} \frac{1 \text{ Kg}}{2.2 \text{ lb}} \frac{17 \text{ lbs}}{\text{pt}} = \frac{1700}{2.2} = 772.73 \text{ mg in 24 HRS.}$$

$$\frac{\text{mL}}{\text{Dose}} \left| \frac{5 \text{ mL}}{125 \text{ mg}} \frac{100 \text{ mg}}{\text{Kg/day}} \frac{1 \text{ Kg}}{2.2 \text{ lb}} \frac{17 \text{ lb}}{\text{pt}} \frac{\text{Day}}{4 \text{ doses}} = \frac{8500}{1100} = 7.7272\overline{7} \Rightarrow 7.7 \text{ mL Dose}$$

$$\textcircled{3} \frac{\text{mg}}{\text{Dose}} \left| \frac{15 \text{ mg}}{\text{Kg}} \frac{1 \text{ Kg}}{2.2 \text{ lb}} \frac{250 \text{ lb}}{\text{pt}} = \frac{3750}{2.2} = 1704.545\overline{4} \Rightarrow 1704.55 \text{ mg Dose}$$