

MIXED NUMBERS

$$\frac{\text{Number of dose}}{\text{Number of days}} \times X \text{ kg} = 66 \text{ lb} \times \frac{1 \text{ kg}}{2.2 \text{ lb}}$$

DOSAGE CALCULATIONS

Medical Mathematics and Dosage Calculations for Veterinary Professionals

SECOND EDITION

Robert Bill

$$V_1 \times C_1 = V_2 \times C_2$$

FRACTIONS

$$100 \times 35 \times \frac{1}{50} = 50 \times \frac{1}{50} \times X$$

INTRAVENOUS INFUSION

$$\frac{20}{5} \times X = 2 \times \frac{3}{5}$$


$$X \text{ mL} = \text{Drips (gtt)} \times \text{IV set calibration}$$

DOSE RANGES

$$V_1 \times C_1 = V_2 \times C_2$$

SYRINGE UNITS OF MEASUREMENT

$$\frac{\text{Unknown } X \text{ gtt}}{\text{Known value unit}} \times \frac{10 \text{ gtt}}{1 \text{ mL}} = \frac{\text{Conversion factor with } 0.5 \text{ gtt}}{\text{Conversion factor with } 0.5 \text{ gtt}}$$

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Medical Mathematics And Dosage Calculations For Veterinary Professionals

Robert Bill



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