

RATIOS

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$$\textcircled{1} \quad 1:100 \text{ NaCl} = \frac{1 \text{ g NaCl}}{100 \text{ ml}}$$

$$\textcircled{2} \quad 1:20 \text{ GLUCOSE} = \frac{1 \text{ g GLUCOSE}}{20 \text{ ml}}$$

$$\textcircled{3} \quad \frac{10 \text{ g NaCl}}{1,000 \text{ ml}} \Rightarrow 10:1,000 \equiv 1:100$$

$$\textcircled{4} \quad 1:20 \text{ GLUCOSE} = \frac{1 \text{ g}}{20 \text{ ml}}$$

$$\frac{1 \text{ g}}{20 \text{ ml}} = \frac{x}{1,000 \text{ ml}}$$

$$20x = 1,000$$

$$x = \frac{1,000}{20} = 50 \text{ g} \Rightarrow \frac{50 \text{ g GLUCOSE}}{1,000 \text{ ml}}$$

$$\textcircled{5} \quad 1:100 \text{ Adrenalin}^{\textcircled{R}} = \frac{1 \text{ g}}{100 \text{ ml}}$$

$$\frac{1 \text{ g}}{100 \text{ ml}} = \frac{x}{10 \text{ ml}}$$

$$100x = 10$$

$$x = \frac{10}{100} = .1 \text{ g}$$

$$\Rightarrow \frac{.1 \text{ g Adrenalin}^{\textcircled{R}}}{10 \text{ ml}}$$