

Test 3:

$$1: 20 \frac{15 \text{ mL}}{30} \rightarrow 10 \text{ mL}$$

$$2: 80 \text{ mg} \frac{5 \text{ mL}}{125 \text{ mg}} \rightarrow 3.2 \text{ mL}$$

$$3: 0.02 \text{ g} \rightarrow 0.020 \quad 20 \text{ mg} \rightarrow 2 \text{ tablets}$$

$$4: 0.5 \text{ g} \rightarrow 0.500 \quad 500 \text{ mg} \rightarrow 2 \text{ capsules}$$

$$5: 2 \text{ tablets}$$

$$6: 40 \text{ mg} \frac{5 \text{ mL}}{5 \text{ mg}} \rightarrow 40 \text{ mL}$$

$$7: 75 \text{ mg} \frac{1 \text{ tablet}}{50 \text{ mg}} \rightarrow 1.5 \text{ tablets}$$

$$8: 40 \text{ mg} \frac{1 \text{ tab}}{80 \text{ mg}} \rightarrow 0.5 \text{ tab}$$

$$9: 0.125 \text{ mg} \rightarrow 0.125 \rightarrow 125 \text{ mcg} \frac{10 \text{ mL}}{500 \text{ mcg}} \rightarrow 2.5 \text{ mL}$$

$$10: 75 \text{ mg} \frac{10 \text{ mL}}{50 \text{ mg}} \rightarrow 15 \text{ mL}$$

$$11: 5 \text{ mg} \frac{\text{tab}}{2 \text{ mg}} \rightarrow 2.5 \text{ tablet}$$

$$12: 0.15 \text{ mg} \rightarrow 0.15 \text{ g} \quad 150 \text{ mcg} \frac{\text{tablet}}{300 \text{ mcg}} \rightarrow 0.5 \text{ tab}$$

$$13: 375 \text{ mg} \frac{1 \text{ tab}}{250 \text{ mg}} \rightarrow 1.5 \text{ tab}$$

$$14: 0.6 \text{ g} \rightarrow 0.6 \text{ g} \quad 600 \text{ mg} \frac{1 \text{ tab}}{300 \text{ mg}} \rightarrow 2 \text{ tab}$$

$$15: 1.5 \text{ mg} \frac{8 \text{ mL}}{1 \text{ mg}} \rightarrow 12 \text{ mL}$$

$$16: 25 \text{ mg} \frac{5 \text{ mL}}{12.5 \text{ mg}} \rightarrow 10 \text{ mL}$$

$$17: 60 \text{ mg} \frac{0.6 \text{ mL}}{40 \text{ mg}} \rightarrow 0.9 \text{ mL}$$

$$18: 0.5 \text{ g} \rightarrow 500 \text{ mg} \frac{5 \text{ mL}}{250 \text{ mg}} \rightarrow 10 \text{ mL}$$

$$19: 15 \text{ mg} \frac{5 \text{ mL}}{50 \text{ mg}} \rightarrow 1.5 \text{ mL}$$

$$20: 50 \text{ mg} \frac{5 \text{ mL}}{25 \text{ mg}} \rightarrow 10 \text{ mL}$$

Test 4

$$1: 0.5g \rightarrow 500mg \frac{1mL}{250mg} \rightarrow 2mL \text{ IM}$$

$$2: 10mEq \frac{20mL}{40mEq} \rightarrow 5mL \text{ IV}$$

$$3: 0.5mg \frac{1mL}{0.25mg} \rightarrow 2mL \text{ IM}$$

$$4: 100mg \rightarrow 0.1g \frac{2mL}{0.2g} \rightarrow 1mL \text{ IM}$$

$$5: 50mg \frac{1mL}{100mg} \rightarrow 0.5mL \text{ IM}$$

$$6: 0.25mg \frac{2mL}{0.5mg} \rightarrow 1mL \text{ IM}$$

$$7: 0.3mg \frac{1mL}{0.4mg} \rightarrow 0.75mL \text{ subq}$$

$$8: 1mg \rightarrow 1mL \text{ solution subq}$$

$$9: 1g \rightarrow 20mg \text{ W}$$

$$10: 0.1g \rightarrow 100mg \frac{5mL}{200mg} \rightarrow 2.5mL \text{ IM}$$

$$11: 400,000 \frac{1\text{mL}}{500,000} \rightarrow 0.8\text{mL IM}$$

$$12: 0.5\text{mg} \frac{2\text{mL}}{0.5\text{mg}} \rightarrow 2\text{mL IM}$$

$$13: 1\text{g} \rightarrow 2\text{mL IV}$$

$$14: 75\text{mg} \frac{2\text{mL}}{100\text{mg}} \rightarrow 1.5\text{mL IM}$$

$$15: 15\text{mg} \rightarrow 1.5\text{mL IM}$$

$$16: 35\text{mg} \frac{1\text{mL}}{100\text{mg}} \rightarrow 0.35\text{mL IM}$$

$$17: 0.6\text{mg} \frac{1\text{mL}}{0.4\text{mg}} \rightarrow 1.5\text{mL subq}$$

$$18: 0.15\text{g} \frac{2\text{mL}}{0.2\text{g}} \rightarrow 1.5\text{mL IM}$$