

Christina Oakley Test 3 and 4

$$1) 20 \text{ mEq} \times \frac{15 \text{ mL}}{30 \text{ mEq}} = 10 \text{ mL} \quad 14) 600 \text{ mg} \times \frac{1 \text{ tab}}{300 \text{ mg}} = 2 \text{ tabs}$$

$$2) 80 \text{ mg} \times \frac{5 \text{ mL}}{125 \text{ mg}} = 3.2 \text{ mL} \quad 15) 1.5 \text{ mg} \times \frac{8 \text{ mL}}{1 \text{ mg}} = 12 \text{ mL}$$

$$3) 20 \text{ mg} \times \frac{1 \text{ tab}}{10 \text{ mg}} = 2 \text{ tabs} \quad 16) 25 \text{ mg} \times \frac{5 \text{ mL}}{12.5 \text{ mg}} = 10 \text{ mL}$$

$$4) 500 \text{ mg} \times \frac{1 \text{ tab}}{250 \text{ mg}} = 2 \text{ tabs} \quad 17) 60 \text{ mg} \times \frac{0.6 \text{ mL}}{40 \text{ mg}} = 0.9 \text{ mL}$$

$$5) 0.5 \text{ mg} \times \frac{1 \text{ tab}}{0.25 \text{ mg}} = 2 \text{ tabs} \quad 18) 500 \text{ mg} \times \frac{5 \text{ mL}}{250 \text{ mg}} = 10 \text{ mL}$$

$$6) 40 \text{ mg} \times \frac{5 \text{ mL}}{5 \text{ mg}} = 40 \text{ mL} \quad 19) 15 \text{ mg} \times \frac{5 \text{ mL}}{50 \text{ mg}} = 1.5 \text{ mL}$$

$$7) 75 \text{ mg} \times \frac{1 \text{ tab}}{50 \text{ mg}} = 1.5 \text{ tabs} \quad 20) 50 \text{ mg} \times \frac{5 \text{ mL}}{25 \text{ mg}} = 10 \text{ mL}$$

$$8) 40 \text{ mg} \times \frac{1 \text{ tab}}{80 \text{ mg}} = 0.5 \text{ tabs}$$

$$9) 1 \text{ mcg} \times \frac{x}{0.001 \text{ mg}} = 125 \text{ mcg}$$

$$125 \text{ mcg} \times \frac{10 \text{ mL}}{500 \text{ mcg}} = 2.5 \text{ mL}$$

$$10) 75 \text{ mg} \times \frac{10 \text{ mL}}{50 \text{ mg}} = 15 \text{ mL}$$

$$11) 5 \text{ mg} \times \frac{1 \text{ tab}}{2 \text{ mg}} = 2.5 \text{ tabs}$$

$$12) 1 \text{ mcg} = \frac{x}{0.001 \text{ mg}} \quad 0.15 \text{ mg}$$

$$150 \text{ mcg} \times \frac{1 \text{ tab}}{300 \text{ mcg}} = 0.5 \text{ tabs}$$

$$13) 375 \times \frac{1 \text{ tab}}{250 \text{ mg}} = 1.5 \text{ tabs}$$

$$1) 500 \text{ mg} \times \frac{1 \text{ mL}}{250 \text{ mg}} = 2 \text{ mL}$$

$$16) 30 \text{ mg} \times \frac{1 \text{ mL}}{100 \text{ mg}} = 0.3 \text{ mL} \quad (0.4 \text{ mL})$$

$$2) 10 \text{ mEq} \times \frac{20 \text{ mL}}{40 \text{ mEq}} = 5 \text{ mL}$$

$$17) 0.6 \text{ mg} \times \frac{1 \text{ mL}}{0.4 \text{ mg}} = 1.5 \text{ mL}$$

$$3) 0.5 \text{ mg} \times \frac{1 \text{ mL}}{0.25 \text{ mg}} = 2 \text{ mL}$$

$$18) 0.15 \text{ g} \times \frac{2 \text{ mL}}{0.2 \text{ g}} = 1.5 \text{ mL}$$

$$4) 100 \text{ mg} \times \frac{2 \text{ mL}}{200 \text{ mg}} = 1 \text{ mL}$$

$$5) 50 \text{ mg} \times \frac{1 \text{ mL}}{100 \text{ mg}} = 0.5 \text{ mL}$$

$$6) 0.25 \text{ mg} \times \frac{1 \text{ mL}}{0.5 \text{ mg}} = 0.5 \text{ mL}$$

$$7) 0.3 \text{ mg} \times \frac{1 \text{ mL}}{0.4 \text{ mg}} = 0.75 \text{ mL} \quad (0.8 \text{ mL})$$

$$8) 1 \text{ g} \rightarrow 1:1,000 \text{ solution} = 1 \text{ mL}$$

$$9) 1 \text{ g} \rightarrow 5\% \text{ solution} = 20 \text{ mL}$$

$$10) 100 \text{ mg} \times \frac{5 \text{ mL}}{200 \text{ mg}} = 2.5 \text{ mL}$$

$$11) 400,000 \text{ U} \times \frac{1 \text{ mL}}{500,000 \text{ U}} = 0.8 \text{ mL}$$

$$12) 0.5 \text{ mg} \times \frac{2 \text{ mL}}{0.5 \text{ mg}} = 2 \text{ mL}$$

$$13) 1 \text{ g} \rightarrow 50\% \text{ solution} = 2 \text{ mL}$$

$$14) 75 \text{ mg} \times \frac{2 \text{ mL}}{100 \text{ mg}} = 1.5 \text{ mL}$$

$$15) 15 \text{ mg} \rightarrow 1:100 \text{ solution} = 1.5 \text{ mL}$$