

Proficiency test #4

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1/23/2022

$$1) 0.5g \left( \frac{1000mg}{1g} \right) = \frac{500mg}{250mg} \times ml = 2ml IM$$

$$2) \frac{10mEq}{40mEq} \times 20ml = 5ml IV$$

$$3) \frac{0.5mg}{0.25mg} \times ml = 2ml IM$$

$$4) 100mg \left( \frac{1g}{1000mg} \right) = \frac{0.1g}{0.2g} \times 2ml = 1ml IM$$

$$5) \frac{50mg}{100mg} \times 1ml = 0.5ml IM$$

$$6) \frac{0.25mg}{0.5mg} \times 2ml = 1ml IM$$

$$7) \frac{0.3mg}{0.4mg} \times 1ml = 0.75ml SQ$$

$$8) 1mg \left( \frac{1g}{1000mg} \right) = \frac{0.001g}{1g} \times 1000ml = 1ml SQ$$

$$9) \frac{1g}{5g} \times 100ml = 20ml IV$$

$$10) 0.1g \left( \frac{1000mg}{1g} \right) = \frac{100mg}{200mg} \times 5ml = 2.5ml IM$$

$$11) \frac{400,000 \text{ u}}{500,000 \text{ u}} \times \text{ml} = (0.8 \text{ ml IM})$$

$$12) \frac{0.5 \text{ mg}}{0.5 \text{ mg}} \times 2 \text{ ml} = (2 \text{ ml IM})$$

$$13) \frac{1 \text{ g}}{50 \text{ g}} \times 100 \text{ ml} = (2 \text{ ml IV})$$

$$14) \frac{75 \text{ mg}}{100 \text{ mg}} \times 2 \text{ ml} = (1.5 \text{ ml IM})$$

$$15) 15 \text{ mg} \left( \frac{1 \text{ g}}{1000 \text{ mg}} \right) = \frac{0.015 \text{ g}}{1 \text{ g}} \times 100 \text{ ml} = (1.5 \text{ mL IM})$$

$$16) \frac{35 \text{ mg}}{100 \text{ mg}} \times \text{ml} = (0.35 \text{ mL IM})$$

$$17) \frac{0.6 \text{ mg}}{0.4 \text{ mg}} \times \text{ml} = (1.5 \text{ mL SQ})$$

$$18) \frac{0.15 \text{ g}}{0.2 \text{ g}} \times 2 \text{ ml} = (1.5 \text{ ml IM})$$