Courtney Singleton

Proficiency Test 3
Chpt 4, p. 121

1. $\frac{20\,mEq}{30\,mEq} \times 15\,mL$ $\boxed{= 10\,mL}$

2. $\frac{80\,mg}{125\,mg} \times 5\,mL$ $\boxed{= 3.2\,mL}$

3. $\frac{20\,mg}{10\,mg} \times 1\,tab$ $\boxed{= 2\,tabs}$

4. 0.500 = 500mg
$\frac{500\,mg}{250\,mg} \times 1\,cap$ $\boxed{= 2\,caps}$

5. $\frac{0.5\,mg}{0.25\,mg} \times 1\,tab$ $\boxed{= 2\,tabs}$

6. $\frac{40\,mg}{5\,mg} \times 5\,mL$ $\boxed{= 40\,mL}$

7. $\frac{75\,mg}{50\,mg} \times 1\,tab$ $\boxed{= 1.5\,tabs}$

8. $\frac{40\,mg}{80\,mg} \times 1\,tab$ $\boxed{= 0.5\,tabs}$

9. 0.125mg x 1000 = 125mcg
$\frac{125\,mcg}{500\,mcg} \times 10\,mL$ $\boxed{= 2.5\,mL}$

10. $\frac{75\,mg}{50\,mg} \times 10\,mL$ $\boxed{= 15\,mL}$

11. $\frac{5\,mg}{2\,mg} \times 1\,tab$ $\boxed{= 2.5\,tab}$

0.15mg x 1000 = 150mcg
12. $\frac{150\,mcg}{300\,mcg} \times 1\,tab$ $\boxed{0.5\,tabs}$

13. $\frac{375\,mg}{250\,mg} \times 1\,tab$ $\boxed{1.5\,tabs}$

0.6g x 1000 = 600mg
14. $\frac{600\,mg}{300\,mg} \times$ EC coated tab $\boxed{= 2\,EC\,tabs}$

15. $\frac{1.5\,mg}{1\,mg} \times 8\,mL$ $\boxed{= 12\,mL}$

16. $\frac{25\,mg}{12.5} \times 5\,mL$ $\boxed{= 10\,mL}$

17. $\frac{60\,mg}{40\,mg} \times 0.6\,mL$ $\boxed{= 0.9\,mL}$

$0.5g \times 1000 = 500mg$

18. $\frac{500mg}{250mg} \times 5mL$

$\boxed{= 10mL}$

19. $\frac{15mg}{50mg} \times 5mL$

$\boxed{= 1.5mL}$

20. $\frac{50mg}{25mg} \times 5mL$

$\boxed{= 10mL}$

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Proficiency Test 44
Chpt 5 p. 198

$0.5g \times 1000 = 500mg$

1. IM $\frac{500mg}{250mg} \times 1mL$ = 2mL IM

2. IV $\frac{10mEq}{40mEq} \times 20mL$ = 5mL IV

3. IM $\frac{0.5mg}{0.25mg} \times 1mL$ = 4mL IM

$100mg \div 1000 = 0.1g$

4. IM $\frac{0.1g}{0.2g} \times 2mL$ = 1mL IM

5. IM $\frac{50mg}{100mg} \times 1mL$ = 0.5mL IM

6. IM $\frac{0.25mg}{0.5mg} \times 2mL$ = 1mL IM

7. subq $\frac{0.3mg}{0.4mg} \times 1mL$ = 0.75mL subq

8. subq $\frac{1mg}{1mg} \times 1mL$ 1:1000 solution = 1mL subq

9. IV $\frac{1g}{5\%}$ solution

10. IM $\frac{0.1g}{0.2g} \times 5mL$ = 2.5mL IM

400,000 units = 400,000 mL

11. IM $\frac{400,000mL}{500,000mL} \times 1mL$ = 0.8mL IM

12. IM $\frac{0.5mg}{0.5mg} \times 2mL$ = 2mL IM

13. IV $\frac{1g}{50\%}$ solution $1g = \frac{1mL}{0.5mL}$ = 2mL IV

14. IM $\frac{75mg}{100mg} \times 2mL$ = 1.5mL IM

15. IM $\frac{15mg}{1:100}$ solution $= \frac{15mg}{0.010} = 10mg$ $\frac{15mg}{10mg} \times mL$ = 1.5mL IM

16. $\frac{35mg}{100mg} \times 1mL$ = 0.35mL

17. subq $\frac{0.6mg}{0.4mg} \times 1mL$ = 1.5mL subq

18. IM $\frac{0.15g}{0.2g} \times 2mL$ = 1.5mL IM