

# Taylor Lowe - Proficiency Test: Chapter 3

$$1.) \frac{20}{30} \cdot 15 = 10 \text{ mL}$$

$$11.) \frac{5}{2} = 2.5 \text{ tablets}$$

$$2.) \frac{80}{125} \cdot 5 = 3.2 \text{ mL}$$

$$12.) \frac{150}{300} = 0.5 \text{ tablet}$$

$$3.) \frac{20}{10} = 2 \text{ tablets}$$

$$13.) \frac{375}{250} = 1.5 \text{ tablets}$$

$$4.) \frac{500}{250} = 2 \text{ capsules}$$

$$14.) \frac{400}{200} = 2 \text{ tablets}$$

$$5.) \frac{0.5}{0.25} = 2 \text{ tablets}$$

$$15.) \frac{1.5}{1} \cdot 8 = 12 \text{ mL}$$

$$6.) \frac{20}{5} \cdot 5 = 20 \text{ mL}$$

$$16.) \frac{25}{12.5} \cdot 5 = 10 \text{ mL}$$

$$7.) \frac{75}{50} = 1.5 \text{ tablets}$$

$$17.) \frac{60}{40} \cdot 0.4 = 0.6 \text{ mL}$$

$$8.) \frac{40}{80} = 0.5 \text{ tablet}$$

$$18.) \frac{500}{250} \cdot 5 = 10 \text{ mL}$$

$$9.) \frac{250}{500} \cdot 10 = 5 \text{ mL}$$

$$19.) \frac{15}{50} \cdot 5 = 1.5 \text{ mL}$$

$$10.) \frac{75}{50} \cdot 10 = 15 \text{ mL}$$

$$20.) \frac{50}{25} \cdot 5 = 10 \text{ mL}$$

# Taylor Love: Proficiency-Ch 4

1.) 2 mL

2.)  $\frac{10}{40} \cdot 20 = 5 \text{ mL}$

3.) 2 mL

4.) 1 mL

5.) 0.5 mL

6.) 1 mL

7.)  $\frac{0.3}{0.4} \cdot 1 = 0.75 = 0.8 \text{ mL}$

8.) 1:1,000

1g: 1000 mL  $\approx$  1000 mg: 1000 mL  
1 mg: 1 mL

9.) 1,000 mg: 100  
10 mL

10.)  $\frac{100}{200} \cdot 5 = 2.5 \text{ mL}$

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

12.) 2 mL

13.)  $\frac{50g}{100 \text{ mL}} \cdot 1g = 2 \text{ mL}$

14.)  $\frac{75}{100} \cdot 2 \text{ mL} = 1.5 \text{ mL}$

15.) 1:100

1,000 mg: 100 mL  
10 mg: 1 mL

1.5 mL

16.) 0.5 mL

17.) 0.5 mL

18.) 1 mL