Taylor Love

1.) a $\frac{800 \text{ units}}{1 \text{ hr}} \cdot \frac{250 \text{ mL}}{25{,}000 \text{ units}}$ 8 mL/hr

b $250 \div 8 = 31.25 \approx$ 31 hours

2.) 100 mL/hour

3.) $\frac{24 \text{ g}}{24 \text{ hr}} \cdot \frac{1000 \text{ mL}}{24 \text{ g}} \approx$ 42 mL/hr

4.) $\frac{16 \text{ mg}}{1 \text{ hr}} \cdot \frac{100 \text{ mL}}{125 \text{ mg}} =$ 8 mL/hr

5.) $\frac{4 \text{ mg}}{1 \text{ hr}} \cdot \frac{100 \text{ mL}}{100 \text{ mg}} =$ 4 mL/hr

6.) a $\frac{15 \text{ units}}{1 \text{ hour}} \cdot \frac{250 \text{ mL}}{125 \text{ units}}$ 30 mL/hr

b. $250 \div 30 \approx$ 8 hours

7.) $250 \div 24 \approx$ 10 hours

8.) a $\frac{1200 \text{ units}}{1 \text{ hr}} \cdot \frac{500 \text{ mL}}{25000 \text{ units}} =$ 24 mL/hr

b $500 \div 24 \approx$ 21 hours

9.) a $\frac{23 \text{ units}}{1 \text{ hour}} \cdot \frac{250 \text{ mL}}{250 \text{ units}}$ 23 mL/hr

b $250 \div 23 \approx$ 11 hours

10.) $\frac{2,400,000}{24\ hr} \cdot \frac{250}{750,000} = 33\ mL/hr$