11.) $\frac{3}{4} \cdot 150\ mL = 112.5\ mL$

$150 - 112.5 =$ **37.5 mL**

12.) $.12 \cdot 500 = 250\ mL$ Vitarex

$500 - 250 =$ **250 mL of H_2O**

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

b $\frac{100mL}{30min} \cdot 60 =$ **200 mL/hr (30 min)**

$\frac{100mL}{60min} \cdot 60$ **100mL/hr (60 min)**

14.) 10 hours to complet

10 am + 10 hours = **8 pm**