

8. You have orders to give gr ½ of Codeine for pain management. The tablets come with 30 mg per tablet. How many tablets will you administer?
_____ **1** _____ tab

$$\mathbf{X \text{ tab} = \text{tab}/30 \text{ mg} \times 60 \text{ mg/gr} \times 1 \times \text{gr } 1/2/1}$$

9. You have orders to give gr 1/8 of Morphine Sulfate. The medication comes prepared with 10 mg/mL. How much will you administer?
_____ **0.75** _____ mL

$$\mathbf{X \text{ mL} = \text{mL}/10 \text{ mg} \times 60 \text{ mg/gr} \times 1 \times \text{gr } 1/8 /1}$$

10. You have orders to immediately start your patient with ventricular concerns on a Lidocaine drip at 1 mg/min. The medication comes prepared from pharmacy with 2 grams in 500 mL. The patient weighs 120 pounds. How fast will you administer this medication?
_____ **15** _____ mL/hr

$$\mathbf{X \text{ mL/hr} = 500 \text{ mL}/2 \text{ g} \times \text{g}/1000 \text{ mg} \times 1 \text{ mg/min} \times 60 \text{ min/hr}$$

11. You are caring for a patient who is in atrial fib with a fast ventricular response who has not responded to other medications. The physician orders Amiodorone 150 mg bolus over 10 minutes and then a continuous drip at 1 mg/min for 6 hours. The pharmacy sends the bolus in 100 mL. The continuous infusion comes prepared with 450 mg in 250 mL. How fast will you administer the bolus and the continuous infusion?

Bolus _____ **600** _____ mL/hr Continuous _____ **33** _____ mL/hr

$$\mathbf{X \text{ mL/hr} = 100 \text{ mL}/10 \text{ min} \times 60 \text{ min/hr}$$

$$\mathbf{X \text{ mL/hr} = 250 \text{ mL}/450 \text{ mg} \times 1 \text{ mg/min} \times 60 \text{ min/hr}$$

12. You have orders to administer Dilantin 8 mg/kg/day in divided doses to be given every 6 hours for a young child with seizures. The child weighs 25 pounds. The Dilantin comes prepared with 150 mg/5 mL. How many mL will you administer per dose?

_____ **0.76** _____ mL/dose

X mL/dose = 5 mL/150 mg x 8 mg/kg/day x kg/2.2 lbs x 25 lbs/1 x 1 day/4 doses