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Module 1 Worksheet

6. An order is received for Fentanyl 75mcg IV now. The drug is supplied as 100mcg/2mL. How many mL will you give?

$$\frac{75}{100} \times 2 = 1.5 \text{ mL}$$

7. Infuse 1000 mLs normal saline over 4 hrs. How many mL/hr will you set on the pump?

$$\frac{1000}{4} = 250 \text{ mL/hr}$$

8. The patient is to receive metoprolol 5mg for chest pain. The drug is supplied as 20mg/5mL. How many mL will you give? (Do not round your final answer)

$$\frac{5}{20} \times 5 = 1.25 \text{ mL}$$

9. The order is to give midazolam 2mg IV now. The drug is supplied as 10mg/mL. How many mL will you give?

$$\frac{2}{10} \times 1 = 0.2 \text{ mL}$$

10. Infuse meropenem 1gm IV over 8 hrs. The drug is supplied as 1gm/100mL. The drip factor is 60. How many gtt/min will you infuse?

$$\frac{100 \times 60}{480} = 12.5 \text{ gtt/min}$$