

Module 1 Worksheet

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1. Infuse ceftriaxone 1 gram over 45 minutes. The drug is supplied as 1gram/50ml. The drip factor is 15. How many gtt/min will you infuse?

17 gtt

2. The physician writes an order to give 1000mL of normal saline over 8hrs. How many mL/hr will you infuse? 125ml/hr

3. Infuse vancomycin hydrochloride 1.5 gram over 3 hours. The drug is supplied as 1.5 gram/250mL. The drip factor is 15. How many gtt/min will you infuse? 21gtt/min

4. An order has been written to give cefazolin 1gram over 30 minutes. The drug is supplied as 1 gram/50mL. The gtt factor is 60. How many gtt/min will you infuse? 100gtt/min

5. The nurse is to give Ciprofloxacin 500mg IV over 1 hr. The drug is supplied as 1gram/250mL. The gtt factor is 15. How many gtt/min will you infuse?

31 gtt/min

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6. An order is received for Fentanyl 75mcg IV now. The drug is supplied as 100mcg/2mL. How many mL will you give? 1.5ml
7. Infuse 1000 mLs normal saline over 4 hrs. How many mL/hr will you set on the pump? 250 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) 1.25ml
9. The order is to give midazolam 2mg IV now. The drug is supplied as 10mg/mL. How many mL will you give? 0.2ml
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?
- 13gtt/min