1. Magnesium sulfate 30 grams is mixed in 500 ml Lactated Ringers. Order: infuse a maintenance dose of magnesium sulfate @ 4 grams/hour. How many ml/hr will the IV run?

2. Begin a Pitocin infusion at 5 mu/min via IV pump for labor induction. On hand is Pitocin 40 units in 1000 ml Lactated Ringers. How many ml/hr will the IV run?

3. The nurse notes the patient’s IV pump is set at 10 ml/hr. The IV bag holds 30 units of Pitocin mixed in 500 ml of Lactated Ringers. How many mu/min is the client receiving?

4. The order reads: begin the infusion of Pitocin at 6 mu/min. On hand - 30 units of Pitocin mixed in 500 ml of Lactated Ringers. How will you set the pump?

5. The order reads: begin a Pitocin infusion @ 3 mu/min. You have on hand Pitocin 30 units in 500 ml of Lactated Ringers. How should you set the pump?
6. You have on hand Magnesium Sulfate 40 grams in 500ml of Lactated Ringers. The order is to infuse a maintenance dose of Magnesium Sulfate @ 1 gram/hour. How many ml/hr will you run the IV?

7. Begin a Pitocin infusion at 7mu/min via pump for labor induction. On hand is Pitocin 30units in 1000ml Lactated Ringers. How many ml/hr will you run the IV?

8. The nurse notes the patient's IV pump is set at 120ml/hr. The IV bag holds 20 units of Pitocin mixed in 500ml of Lactated Ringers. How many mu/min is the patient receiving?

9. The nurse notes the patient's IV pump is set at 10l/hr. The IV bag holds 40 units of Pitocin mixed in 500ml of Lactated Ringers. How many mu/min is the patient receiving at this time?

10. Administer a dose of Vitamin K (Aquamephyton) 0.5mg. Available: Vitamin K 1mg/1ml. How many mls would you administer?