

Midwifery: Practice Questions 2

Where necessary, give your answers to 2d.p.

1. Zuleika has been prescribed 500mg cefalexin 8-hourly. You have 250mg tablets available. How many tablets do you administer to her in a day?
2. Baby Yasmin weighs 3.4kg and requires 100mL/kg/day infant formula divided over 8 feeds. How many mL will you give for each feed?
3. Xanthe has an infection and has been prescribed a loading dose of 25mg/kg vancomycin. She weighs 73kg. How many grams of vancomycin are required?
4. The doctor has ordered 1g erythromycin PO in 2 divided doses for Wendy. Oral suspension in stock is 250mg/5mL. How many mL do you give for each dose?
5. Verity needs 500 units anti-D immunoglobulin via deep IM injection. Solution for injection in stock is 1500units/2mL. How many mL do you draw up?
6. Unity, a pregnant woman in your care, requires 8000 units heparin sc every 12 hours. Stock is 5000 units/0.2mL. How many mL do you give?
7. Thelma is prescribed an infusion of 60mL of fluid containing 500mg amoxicillin and 100mg clavulanic acid to be given over 30 minutes. At what rate in mL/hr will you set the infusion?
8. Selina needs 1.5L glucose 20% to be infused over 8 hours using a standard giving set. At what rate in drops/min, to the nearest whole number, should you set the infusion?
9. Rochelle has a lower UTI and has been prescribed cefaclor 375mg 12-hourly PO. Oral suspension available is 250mg/5mL. What is the concentration of the cefaclor suspension in mg/mL?
10. Neonate Quinn has been prescribed 2mg/kg ranitidine PO. Oral solution available is 75mg/5mL. Quinn weighs 3.9kg. How many mL do you administer?

LET: Maths, Stats & Numeracy

Answers

1. 6 tablets
2. 42.5mL
3. 1.825g
4. 10mL
5. 0.67mL
6. 0.32mL
7. 120mL/hr
8. 63drops/min
9. 50mg/mL
10. 0.52mL