

Drug Calculation Exam Practice (Child) – Set C

- 1) Convert 3.45 kilograms to grams
- 2) Convert 310 millilitres to litres
- 3) Pamela is prescribed 0.065 g of amoxicillin for an ear infection. Amoxicillin is available as 75 mg in 3 mls. How many ml would you give?
- 4) Anthony is having an operation and is prescribed 0.25mg of Atropine as a pre-medication Atropine is dispensed as 400mcg in 1mL. How many ml would you give?
- 5) Dan is diagnosed with pneumonia. He is prescribed cephalothin. The recommended dosage for cephalothin is 48mg/kg/day in 4 divided doses. Barry weighs 18kg, what should be the size of a single dose in mg?
- 6) Tom weighs 12.5 kg. He is prescribed cephalon 64mg/kg/day in four divided doses to control his epilepsy. What is the single dose in mg?
- 7) The nurse gives 4.5mL of morphine 15mg in 3mL to treat Chad's pain. How many mg were prescribed?
- 8) Melisa is being treated for reflux. The dose for prescribing domperidone is 0.3 mg/kg. The doctor prescribes 1.6mg. How much does Trudy weigh in Kg (to the nearest whole number)?
- 9) You are checking a prescription with your mentor for Selina who weighs 12kg. She is prescribed 22mg/kg/dose of a drug intravenously 4 times a day. Each 100mg vial is reconstituted to 4mL. How many ml should be drawn up for each dose? Give your answer to 2 decimal places.
- 10) You are checking a prescription with your mentor for Keen who weighs 21kg. He is prescribed 12mg/kg/dose of a drug intravenously 4 times a day. Each 450mg vial is reconstituted to 4mL. How many ml should be drawn up for each dose?