

## PRACTICE DRUG CALCULATIONS

1. 4g = how many mg
2. 1575mcg = how many mg
3. 750mg = how many grams
4. 0.03mg = how many mcg
  
5. A 20kg child is ordered Erythromycin at a dose of 10mg/kg/24 hours. .
  - a. What is the daily dose?
  - b. What is the tds dose?
  
6. A 7.9kg child is ordered Paracetamol 15mg/kg. The strength is 120mg/5mL.
  - a. What is the dose?
  - b. How many mLs per dose?
  
7. A 16kg child is ordered Amoxicillin 10mg/kg tds. Amoxicillin suspension is 125mg/5mL.
  - a. What is the tds dose for this child?
  - b. What is the volume of the dose?
  
8. You need to supply a drug for a child weighing 4kg. The dosage is 450mcg/kg.  
What is the dose required in mg?
  
9. A dose of 208mg of Flucloxacillin is required. The mixture available is 250mg in 5mL.  
Calculate the volume required.

10. 200mcg is required for a drug dose. The drug comes as 5mg in 5mL. What volume is required?

11. A newborn weighing 2kg requires 30mcg/kg of 1 in 10,000 of Adrenaline. What is the volume required?