

PRACTICE DRUG CALCULATIONS

ANSWER SHEET

1. 4g = how many mg 4000mg
2. 1575mcg = how many mg 1.575mg
3. 750mg = how many grams 0.75g
4. 0.03mg = how many mcg 30mcg

5. A 20kg child is ordered Erythromycin at a dose of 10mg/kg/24 hours. .
 - a. What is the daily dose? 200mg
 - b. What is the tds dose? 66.6mg

6. A 7.9kg child is ordered Paracetamol 15mg/kg. The strength is 120mg/5mL.
 - a. What is the dose? 118.5mg
 - b. How many mLs per dose? 4.95mLs

7. A 16kg child is ordered Amoxicillin 10mg/kg tds. Amoxicillin suspension is 125mg/5mL.
 - a. What is the tds dose for this child? 160mg
 - b. What is the volume of the dose? 6.4mLs

8. You need to supply a drug for a child weighing 4kg. The dosage is 450mcg/kg.
What is the dose required in mg? 1.8mg

9. A dose of 208mg of Flucloxacillin is required. The mixture available is 250mg in 5mL.
Calculate the volume required. 4.16mLs

10. 200mcg is required for a drug dose. The drug comes as 5mg in 5mL. What volume is required? 0.2mLs

11. A newborn weighing 2kg requires 30mcg/kg of 1 in 10,000 of Adrenaline. What is the volume required? 0.6mLs