**Dosages expressed as weight/units**

**The Answers**

#### Exercise 1

**1.** Your patient has been prescribed 500mg flucloxacillin. The tables available are 250mg. How many tablets would you administer?

* 2 tablets

**2.** You need to administer 30mg prednisolone to your patient. The tablets available at 5mg. How many tablets do you need to administer to make this dose?

* 5 tablets

**3.** The prescription is for 1g paracetamol. The tablets available are 500mg. How many tablets do you need to administer?

* 2 tablets

**4.** Your patient has been prescribed 1.2g benzylpenicillin. The vials available are 600mg. How many vials do you need to administer?

* 2 vials

**5.** You need to administer 0.6mg hysocine bromide. The ampoules available are 400mcg. How many ampoules do you need to administer?

* 1 and a half ampoules

#### Exercise 2

**1.** You need to administer citrolopram 40mg to your patient. The tablets available are 20mg. How many tablets do you need to administer?

* 2 tablets

**2.** Your patient needs to take 200mcg salbutamol four times a day. The inhaler releases 100mcg with each ‘puff’. How many ‘puffs’ does your patient need to take?

* 2 ‘puffs’

**3.** You have a 10ml ampoule of adrenaline strength 1:10 000. How many milligrams of adrenaline does this ampoule contain?

* 1mg

**4.** You need to administer 6000 units of clexane. The pre filled injection available contains 10 000 units/ml. How many millilitres would you administer?

* 0.6ml

**5.** Your patient has been prescribed 250mcg digoxin. The tablets available are 62.5mcg. how many would you administer?

* 4 tablets

#### Exercise 3

**1.** You need to add 15 mmols potassium to an intravenous infusion. The ampoules of potassium available are 10mls of strength 2mmol/ml. How many millilitres of this ampoule would you administer?

* 7.5mls

**2.** Your patient has been prescribed 720mcg desmopressin in 3 divided dosages daily sublingually. The tablets available are 120mcg and 240mcg strength. How many of which strength do you need to administer?

* One tablet of 240mcg strength or two of the 120mcg strength

**3.** Your patient has been prescribed 500mcg glucagon IM. The prefilled syringe contains 1mg. How much of the syringe would you administer?

* Half of the syringe

**4.** You need to administer 4mg adrenaline. The adrenaline strength available is 1ml ampoules of 1:1000 adrenaline. How many ampoules do you need to administer?

* 4 ampoules

**5.** You need to administer 20mg prednisolone. The tablets available are 5mg. How many tablets do you need to administer?

* 4 tablets

#### Exercise 4

**1.** Your patient has been prescribed 1.5g tolbutamide in 3 divided dosages. The tablets available are 500mg. How many tablets would you administer for each dose?

* 1 tablet

**2.** You need to administer gliclazide 160mg daily. The tablets available are 80mg. How many tablets would you administer?

* 2 tablets

**3.** You need to administer 100mcg adrenaline. The ampoule available is a 1 ml ampoule of adrenaline 1:10 000 strength. How many millilitres would you administer?

* 1ml

**4.** Aspirin 900mg has been prescribed. The tablets available are 300mg strength. How many tablets would you need to administer?

* 3 tablets

**5.** You need to prepare an infusion containing 75 000 units heparin. The heparin ampoules available in stock are 25 000units/ml and 50 000units/ml. How many of which ampoule would you use for this infusion?

* One 25 000unit/ml ampoule and one 50 000unit ampoule to make 75 000units