March Medication Calculation Answers

1. Convert 93074 milligrams to grams.

93074 milligrams X 0.001 = 93.074 grams

2. Order: Naprosyn 0.375 g
Available: Naprosyn 250 mg tablets. Give?

3. A client is ordered 7.5 milligrams of Bendrofluazide. 2.5 milligram tablets are available. How many tablets will you give?

7.5 milligrans/2.5 milligrams = 3 tablets

4. A client is ordered 30 milligrams of Codeine phosphate. 60 milligram tablets are available. How many tablets will you give?

30 milligrams/60 milligrams = 0.5 tablets

5. A client is ordered 4 milligrams of Trifluoperazine orally. 5 milligrams in 5 millilitres of liquid forte is available. How many millilitres will you administer?

4/5 X 5/1 = 20/5 = 4 ml

6. Calculate the drip rate for 2 litres of IV Fluids to be given over 5 hours via a giving set which delivers 10 drops/ml.

$$\frac{2000 \text{ mls} \times 10 \text{ drops/ml}}{300 \text{ min}} = \frac{20000}{300 \text{ min}} = 67 \text{ drops/min}$$

7. Brethine 10 mg is ordered; available tablets contain 2.5 mg. How many tablets will you give?

10 / 2.5 = 4 tablets

8. Dilaudid 3 mg IM is ordered for your patient. The only available dosage strength is 4 mg/cc. What amount will you give?

$$\frac{3}{4} \times \frac{1}{1} = \frac{3}{4} = .75 \text{ cc}$$

9. Ordered 0.021 kg of Amoxicillin. Amoxicillin is available as 16,000 mg per 6 mL. How much will the nurse draw up?

0.021 kg / 0.016 kg X 6 mL = 7.9 mL

10. Infuse 153,000 mcL over the next 66 min by infusion pump. What is the IV flow rate in mL/hr?

5,000,000 units