



Basic Medication Math Practice Sheet

Answer	Problem	Solution
1.	An 80 kilogram patient weights how many pounds?	
2.	A patient in mild anaphylaxis needs 75 milligrams of diphenhydramine (Benadryl). The prefilled syringe reads 100mg/5mL. How many milliliters will you administer?	
3.	You are ordered to administer ketamine at 1.5 mg/kg to a pt that weighs 174 lbs. It is packaged 500mg in 5mLs. How many mLs does this equal?	
4.	A 34-pound pediatric patient in asystole requires 0.02mg/kg of Atropine sulfate. Atropine comes supplied for pediatrics in 0.5 mg/mL prefilled syringes. How many milligrams will you administer?	
5.	400 milligrams of dopamine have been added to 250 milliliters bag of normal saline. What is the concentration in the bag?	



Answer	Problem	Solution
6.	<p>Your patient is a 20-year-old with severe nausea. You are ordered to give 4 mg Zofran (ondansetron) IM</p> <p>It comes supplied in 2mg/mL ampules How many milliliters will you administer?</p>	
7.	<p>You are ordered to administer Morphine sulfate in 2mg increments every 5-10 minutes up to a maximum of 10mg. The vial in your unit reads "10mg/1 mL." How many milliliters will you administer for your first dose?</p>	
10.	<p>A pre-op order reads: Give Versed 3 mg IM enroute to the OR. The ampule is labeled 2mg/mL</p> <p>A) How much of the solution do you give?</p> <p>B) How many vials do you need to make sure you have on hand?</p>	<p>A)</p> <p>B)</p>

Solutions will be posted at SOARescue.com