HESI Dosage Calculation 2023 For RN and LPN

with Tutoring (Best Review!)

50 Real HESI QUESTIONS WITH ANSWERS!

For any inquiries send to
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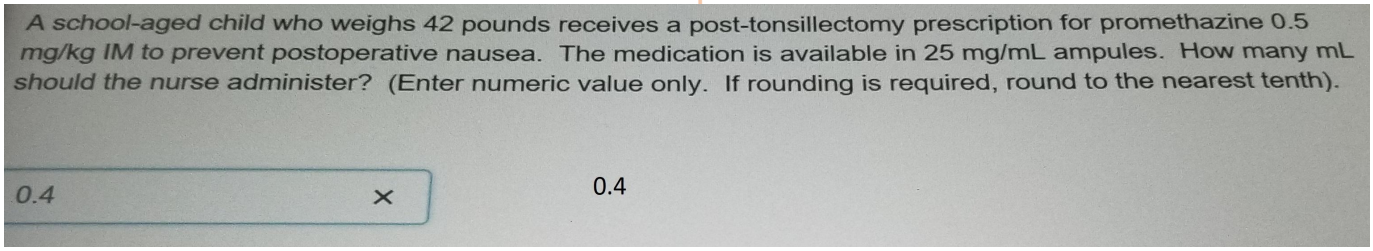
Each page has a question, if the screenshot is not clear, the question will be re-typed

You must understand how each question is solved, for that I included the way of solving it, you might find different numbers in the exam.

Good luck!



Dose is 0.5 mg x kg

Child's weight is in pounds, so we have to convert it to kg
1 Kg = 2.2 pounds (lb)
X kg = 42 lb
X = 42*1/2.2 = 19 kg

So the dose is 0.5 mg x 19 kg = 9.5 mg
---------- that's the 1st part to get into the final part of the question which is how many ml should be administered? In other words, to get 9.5 mg delivered, how many mL should be given?

The key answer is how much solution, ampule, syrup …. you have (in other words, the fixed amount of medicine that would be supplied for you from the pharmacy)

So here we have 25 mg / mL in each ampule, and we need to give 9.5 mg, if you arrange it in an equation, it will be:
25 mg ---- 1 mL
9.5 mg ---- x mL (x is always the missing amount that you need to know)

X = 9.5 x 1/25 = 0.381 --> round to nearest tenth = 0.4