

Medication Calculation Practice Exam

Due Oct 31 at 11:59pm

Points 20

Questions 20

Time Limit 50 Minutes

Allowed Attempts Unlimited

Instructions

This practice exam has 20 questions, each worth 1 point. You need to attain 95% (19 correct) in order to pass the competency exam in this course, so this should be your target score for this practice exam.

You will have 50 minutes to complete this practice exam.

- You may take this practice exam an unlimited number of times.
- Feedback will be provided on the completed exams to help you identify the types of calculations you need to review prior to taking the Medication Calculation Exam that is required in this course.
- Rounding only applies to the final answer when indicated. If 5 or greater, round up; if less than 5, round down.
 - Decimals are to be used to designate fractional amounts, e.g., 1.5 L (not 1 ½).
 - Amounts LESS than 1, require a leading zero to left of the decimal (e.g., 0.6 mL).
 - Avoid using a trailing zero (e.g., 2 mg, not 2.0 mg).
 - Answers for gravity flow IV problems (i.e., gtts/min) should be whole numbers.

[Take the Quiz Again](#)

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	50 minutes	16 out of 20

! Correct answers are hidden.

The healthcare provider ordered furosemide (Lasix) 2 mg/kg. The client weighs 30 lb. How many milligrams will the nurse administer? ____mg (If needed, round to the nearest tenth)

27.3

Using the dimensional analysis grid

2 mg	1 kg	30 lb	60	27.27
1 kg	2.2 lb		2.2	rounded to 27.3 mg

Question 2

1 / 1 pts

The client has an order for phenytoin (Dilantin) oral suspension, 5 mg/kg/day divided into 3 doses. The client weighs 40 kg. How many mg will the nurse administer for each dose? ____mg (If needed, round to the nearest tenth)

66.7

Using the dimensional analysis grid

5 mg	40 kg	1 day	200	66.66
1 kg/day		3 doses	3	rounded to 66.7 mg per dose

The client has an order for ibuprofen 300 mg. The medication available is ibuprofen 100 mg tab. How many tab will the nurse administer? ___ tab (If needed, round to the nearest whole number)

Using the dimensional analysis grid

1 tab	300 mg	300	3 tab
100 mg		100	

Question 4

1 / 1 pts