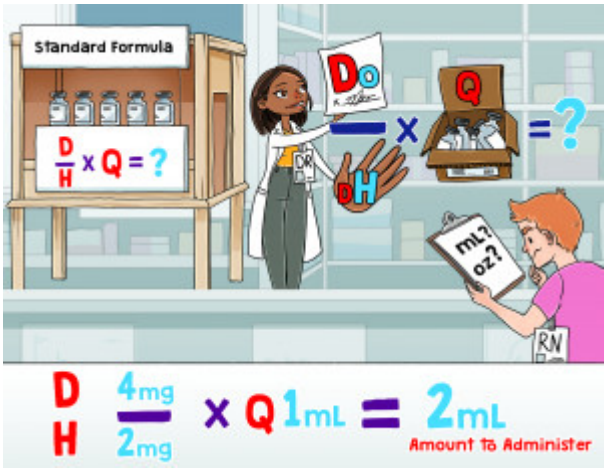
Standard Formula

The standard formula method is one of the ways to solve dosage calculations. The formula has three terms; the dose ordered, which is the amount of medication prescribed, the amount on hand, which is the quantity of medication that contains the dose on hand, and the dose on hand, which is the medication provided by the pharmacy. It is important to ensure that the measures in the formula are the same unit and system of measurement before calculating the dose. The equation for the standard formula method is: dose ordered divided by dose on hand multiplied by the amount on hand, which equals the amount to administer.



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Memorize the Formula

Dose Ordered
Doctor's Orders

Dose on Hand
Doses on Hand

Amount on Hand (Quantity)
Quantity

Before Calculating the Dose

Ensure Same Units and System of Measurement
Nurse Checking the Units

Calculating the Dose

Dose Ordered/Dose on Hand X Amount on Hand = Amount to Administer
D/H x Q = Amount to Administer

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