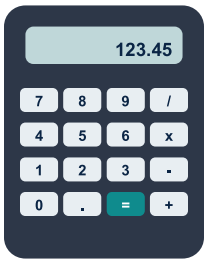
Pharmacy Tech
Starter Pack

10 Drug Name Memory Tricks
+ 10 Math Practice Questions

for pharm... ...nts

Build confidence with simple memory tricks and pharmacy math practice.



MEMORIZE
drug names

PRACTICE
pharmacy math

SUCCEED
with confidence

PharmTechStudyHub

Welcome to
Your Starter Pack

This free guide helps pharmacy technician students build confidence in two high-stress areas: drug names and pharmacy math. Use it for quick review, extra practice, or

What's Inside

- 10 brand + generic drug name memory tricks
- 10 beginner-friendly pharmacy math practice questions
- A full answer key with worked solutions

How to Use This Guide

- Read each memory trick out loud.
- Try the math questions before checking answers.
- Show every step when solving calculations.
- Review more than once for better recall.

Quick Reminders

- Always double-check units: mg, mcg, g, mL, and L.
- A misplaced decimal can change a dose dramatically.
- Memory tricks are study aids only.
- Follow your course materials and pharmacy policy in real practice.

Educational Disclaimer

This guide is for study and exam practice only. It is not medical advice and is not a substitute for course materials, pharmacist guidance, or workplace policy. Brand availability and names may vary by country.

10 Drug Name Memory Tricks

Part 1: Items 1-5

Study tip: cover the generic column first, then test yourself from the brand name. Then reverse it.

	Brand	Generic	Use / class	Memory trick
1	Tylenol	acetaminophen	Pain and fever relief.	ACE-taminophen can help you ace pain and fever questions. Tylenol = acetaminophen.
2	Advil / Motrin	ibuprofen	Pain, fever, and inflammation.	Your pain-relief "bro" = ibuPROfen. Advil and Motrin are brand names for ibuprofen.
3	Claritin	loratadine	Allergy relief; non-drowsy for many people.	CLARitin helps you feel clear during allergy season. Claritin = loratadine.
4	Benadryl	diphenhydramine	Allergy relief; can cause drowsiness.	BenaDRYL can make you drowsy. Benadryl = diphenhydramine.
5	Reactine / Zyrtec	cetirizine	Allergy relief; may cause drowsiness in some people.	Zyrtec starts with Z - use the Zzz cue to remember cetirizine.

10 Drug Name Memory Tricks

Part 2: Items 6-10

Study tip: cover the generic column first, then test yourself from the brand name. Then reverse it.

	Brand	Generic	Use / class	Memory trick
6	Ventolin	salbutamol	Quick-relief inhaler for asthma symptoms.	SALbutamol helps save your air. Ventolin = salbutamol in Canada.
7	Synthroid	levothyroxine	Thyroid hormone replacement.	LEVO helps level up a low thyroid. Synthroid = levothyroxine.
8	Lasix	furosemide	Diuretic; helps remove extra fluid.	Lasix makes fluid leave fast. Lasix = furosemide.
9	Lipitor	atorvastatin	Cholesterol-lowering statin.	LIPitor lowers lipids. Lipitor = atorvastatin.
10	Glucophage	metformin	Blood glucose control in type 2 diabetes.	GLUCOphage is for glucose. Glucophage = metformin.

Pharmacy Math Mini Cheat Sheet

Formula reminders

Liquid total quantity

mL per dose x doses per day x number of days = total mL

Tablet/capsule quantity

units per dose x doses per day x number of days = total units

Strength conversion

desired dose / stock strength = amount to give

Days supply

quantity dispensed / amount used per day = days supply

Metric conversions

1 g = 1000 mg; 1 mg = 1000 mcg; 1 L = 1000 mL

Before you write the final answer

- Are the units correct?
- Does the answer make real-life sense?
- Did you round only when the question or workplace rule requires it?

Pharmacy Math Practice Questions

Questions 1-5

Tip: Write the formula first, watch the units, and show every step.

1 A patient takes amoxicillin suspension 5 mL three times daily for 7 days. How many mL should be dispensed?

Work:

2 Take 1 tablet twice daily for 30 days. How many tablets are needed?

Work:

3 Convert 0.25 g to mg.

Work:

4 The dose is 500 mg. Stock strength is 250 mg tablets. How many tablets are needed per dose?

Work:

5 A patient uses 1 drop in each eye twice daily for 10 days. If 20 drops = 1 mL, how many mL are needed in total?

Work:

Pharmacy Math Practice Questions

Questions 6-10

Tip: If your answer looks unrealistic, stop and re-check the math.

6 The prescription says 250 mg. Stock strength is 125 mg/5 mL. How many mL are needed per dose?

Work:

7 Take 1.5 tablets daily for 14 days. How many tablets are needed?

Work:

8 Convert 2.5 L to mL.

Work:

9 The dose is 75 mg. Stock strength is 25 mg/5 mL. How many mL are needed per dose?

Work:

10 A bottle contains 120 mL. The directions are 5 mL twice daily. What is the days' supply?

Work:

Answer Key

Solutions 1-5

1	**Liquid total**	**Math setup** 5 mL x 3 times daily x 7 days = 105 mL	**Final answer** **105 mL**
2	**Tablet count**	**Math setup** 1 tablet x 2 times daily x 30 days = 60 tablets	**Final answer** **60 tablets**
3	**Metric conversion**	**Math setup** 0.25 g x 1000 mg/g = 250 mg	**Final answer** **250 mg**
4	**Dose per strength**	**Math setup** 500 mg / 250 mg per tablet = 2 tablets	**Final answer** **2 tablets**
5	**Ophthalmic math**	**Math setup** 1 drop x 2 eyes x 2 times daily x 10 days = 40 drops; 40 drops / 20 drops per mL = 2 mL	**Final answer** **2 mL**

Keep Practicing

The more often you practise, the easier pharmacy math becomes.

Answer Key

Solutions 6-10

6 — Ratio/proportion

Math setup
125 mg : 5 mL = 250 mg : x mL; x = 10 mL

Final answer
10 mL

7 — Number of days

Math setup
1.5 tablets x 14 days = 21 tablets

Final answer
21 tablets

8 — Metric conversion

Math setup
2.5 L x 1000 mL/L = 2500 mL

Final answer
2500 mL

9 — Ratio/proportion

Math setup
25 mg : 5 mL = 75 mg : x mL; x = 15 mL

Final answer
15 mL

10 — Days supply

Math setup
5 mL x 2 times daily = 10 mL/day; 120 mL / 10 mL per day = 12 days

Final answer
12 days

Keep Practicing

The more often you practise, the easier pharmacy math becomes.

Student Study Tracker

Print, practise, repeat

Use this quick tracker before a quiz or exam.

- [ ] I can match all 10 brand names to their generic names.
- [ ] I can explain what each medication is generally used for.
- [ ] I can complete the 10 math questions without looking at the answer key.
- [ ] I can show formulas and units clearly.
- [ ] I can spot answers that look too large or too small.

Next step

Save this guide, print the practice pages, and review one small section at a time. Tiny daily practice beats panic-studying every time. Pharmacy math may be dramatic, but you do not have to be.

PharmTechStudyHub - Learn. Practice. Succeed.