

Conversion Factors/Equivalents

The following is a tabulation of some of the essential conversion factors, which are necessary to be memorized in order to pass ProCalc. (adapted from the Nurse ProCalc Study Guide).

*Please note that household measures are approximate and metric measurements are precise.

Liquid/Volume*	Liquid/Volume* (continued)	Weight*	Time
1 gtt = 1 m	8 dr = 1 oz	1 mcg = 0.001 mg	1 hr = 60 min
16 gtts = 16 m	8 dr = 30 mL	1000 mcg = 1 mg	1 min = 60 sec
15 or 16 gtts = 1 mL	1 oz = 30 mL	1 gr = 60 mg	
1 mL = 1 cc	8 oz = 1 cup	5 gr = 300 mg	
1 tsp = 1 dr	240 mL = 1 cup	10 gr = 600 mg	
1 tsp = 60 m or gtts	8 oz = 240 mL	15 gr = 1,000 mg	
1 tsp = 4 or 5 mL	1 pt = 16 oz	15 gr = 1 g	
1 dr = 4 or 5 mL	1 pt = 500 mL	1,000 mg = 1 g	
60 m = 5 mL	2 pts = 1 qt	1 lb = 16 oz	
1 dr = 60 m or gtts	2 pts = 32 oz	1 lb = 0.45 kg	
1 tsp = 1 dr	1 qt = 32 oz	2.2 lbs = 1 kg	
1 tbs = 15 mL	1 qt = 1 L	1 kg = 1,000 g	
3 or 4 dr = 15 mL	2 pts = 1,000 mL		
3 or 4 tsp = 1 tbs	2 pts = 1 L		
2 tbs = 8 dr	1,000 mL = 1 L		
2 tbs = 1 oz	32 oz = 1,000 mL		
2 tbs = 30 mL	32 oz = 1 L		

Abbreviations

The following is a tabulation of some essential abbreviations.

These may vary in different practice settings. (adapted from the Nurse ProCalc Study Guide)

a..... before	IV..... intravenous	po..... by mouth
ac before meals	IVPB.. IV piggyback	prn..... as needed
AM in the morning	kg..... kilogram	q..... every
bid..... twice a day	L liter	q2h..... every 2 hours
BSA ... Body Surface Area	lb(s).... pound(s)	q4h..... every 4 hours
c..... with	liq..... liquid	q6h..... every 6 hours
cap(s) . capsule(s)	m..... minim	q8h..... every 8 hours
cc cubic centimeter	mcg ... microgram	qd..... every day
DC discontinue	ug..... microgram	qh..... every hour
dr fluid dram	mEq ... milliequivalent	qid..... four times a day
elix..... elixir	mg..... milligram	qod..... every other day
fl fluid	min..... minute	s without
G..... gram	mL milliter	sc/sq... subcutaneous
gal..... gallon	NPO... nothing by mouth	sl sublingual
gr grain	OD..... right eye	STAT . immediately
gtt(s)... drop(s)	OS..... left eye	supp ... suppository
hr hour	OU both eyes	susp.... suspension
hs at hour of sleep	oz..... ounce, fluid ounce	tab(s).. tablet(s)
ID..... intradermal	p..... after	tbs tablespoons
IM..... intramuscular	pc..... after meals	tid..... three times a day
	PM..... in the evening	tsp teaspoons