

**Activities/
Resources
for
Unit X: Apothecary**

Apothecary Measurements and Metric Measurements for the Medical Field

<u>Apothecary Measurements</u>		
Common Measure	Conversion Factor	Common Use
<u>Volume</u>		
m = minim	i m = 1 drop xv or xvi m = 1 ml	Calibration on syringes for small dose parenteral medications
dr = dram oz = ounce	i dr = 4 or 5 ml i oz = 30 ml	Cough Medicine Antacids
<p>Note: Keep in mind that the volume of a dram is smaller (4 or 5 ml) than that of an ounce (30 ml) and is almost never used in modern practice.</p>		
<u>Weight</u>		
gr = grain	i gr = 60 to 65 mg	Some solid oral medications like aspirin

<u>Metric Measurements</u>		
Common Measure	Conversion Factor	Common Use
<u>Volume</u>		
L = Liter	1000 ml = 1L	IV Solutions orders
ml = milliliter	1 ml = 1 cc = 1/1000 L	Parenteral and liquid oral medications
<u>Weight</u>		
kg = kilogram	1 kg = 1000g = 2.2 lb	Measuring body weight
g = gram	1 g = 1000mg	Parenteral and oral medications
mg = milligram	1 mg = 1/1000g	Parenteral and oral medications
µg = microgram	1 µg = 1/1000mg 1 µg = one-millionth g	Pediatric medications