- Our Example Problem:
 - Acetaminophen is available in mg.
 - 10 gr of Acetaminophen must be prepared. How many mg of Acetaminophen should be prepared?
- Step 1 Identify that you need to convert
- Step 2 Write down what you have
- Step 3 Write down your equivalent fraction
- Step 4 Reduce units
- Step 5 Perform the math

Conversions between Apothecary and Metric Units

32 fluid ounces 1 liter

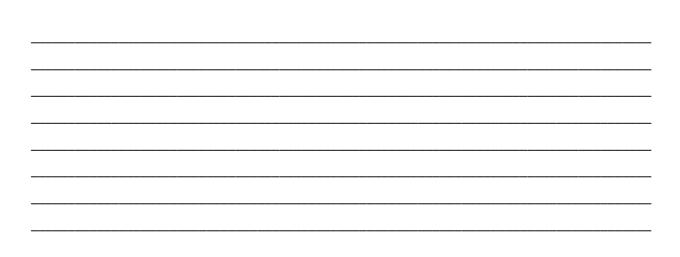
16 fluid ounces 500 milliliters

8 fluid ounces 240 milliliters 30-32 milliliters 1 fluid ounce

1 fluid dram 5 milliliters 1 milliliter

15-16 minims

ı grain 60 mg



$$\frac{10 \times 60}{1 \times 1}$$
 mg = $\frac{600}{1}$ mg (reduce any fractions)

10 grains is equivalent to 600 mg.



These are the steps we used.

- Determine the need to perform a metric conversion (having one type of unit –apothecary- and want to know another type -metric)
- Write down the starting term
- 3. Find an equivalent fraction for the units.
 Write the equivalent fraction down next to the starting term with the units you want to eliminate on the bottom
- 4. Reduce the units (Eliminate only the words that match in the top and bottom of your fractions.) When you are finished you should have only the terms you are looking for left.
- 5. Perform the math operations and reduce your answer. (In some calculations you may need to round as specified by your instructions.)

