

NOMOGRAPH CONVERSION FROM ENGLISH UNITS TO METRIC UNITS

1412

a two page issue

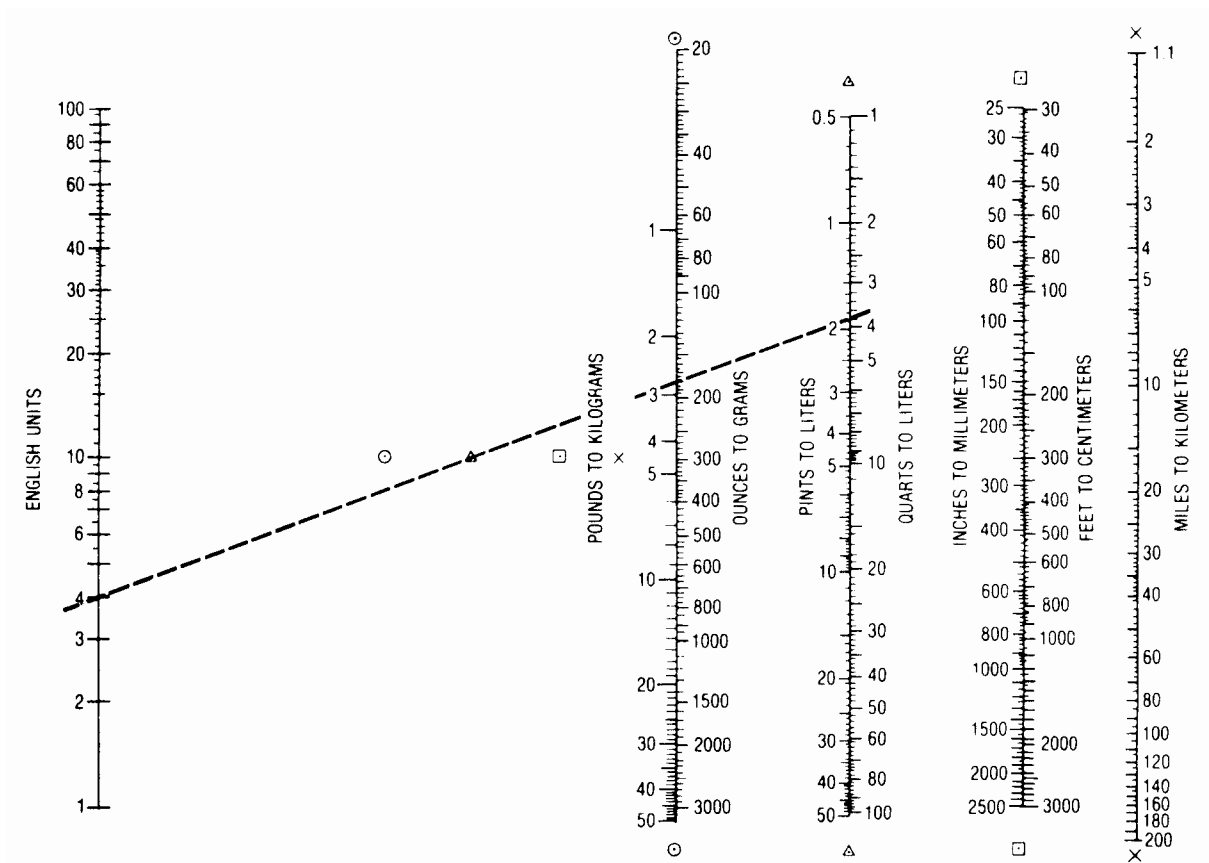
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The metric nomograph is not intended to be used as a tool for accurately converting one system to the other. Although the accuracy is comparable with the slide rule, it should be used as an aid in becoming familiar with the system. The nomograph is reversible for those wishing to convert metric to English.

The left-hand scale is for the English units and may be ounces, pounds, pints, quarts, inches, feet or miles.

The four right-hand scales are metric, each being a double scale and each identified by a symbol at the top and bottom of the scale.

In the center section of the nomograph are the four symbols. The exact center of each symbol serves as the pivot point for the scale bearing the same symbol.



Example: How many liters in four quarts?

Notice that the quarts to liter scale has triangles at the top and at the bottom of the scale. Therefore, the triangle is the pivot point.



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Line up the 4 on the English unit scale with the triangle and read the answer on the right side of the quarts-to-liters scale ± 3.7 liters. A slide rule shows 3.78 and actual multiplication 3.784. That accuracy should be fine for someone who wants to know that a U.S. gallon is about 3.8 liters. As long as it is remembered that the English units are always on the left-hand scale, and metric units on the right, the nomograph may be used for conversion either way.

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