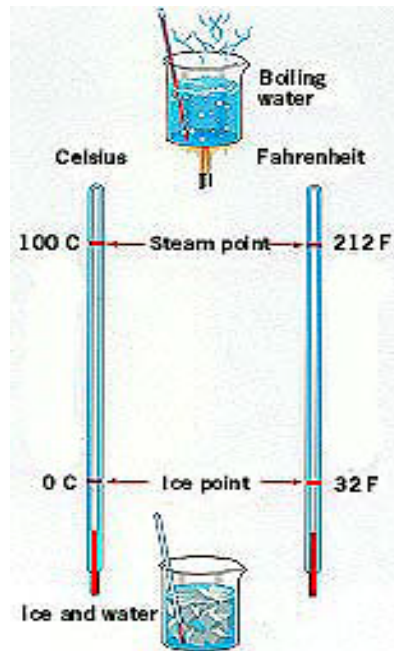


algorithm

$$\begin{array}{r} 100^s \quad 10^s \quad 1^s \\ + \quad \begin{array}{|c|c|c|} \hline 8 & 7 & \\ \hline 2 & 8 & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 1 & 0 & 0 \\ \hline 1 & 1 & 5 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 1 & 1 & 5 \\ \hline \end{array} \end{array} \quad \begin{array}{r} 80 \\ + 20 \\ \hline 100 \end{array}$$
$$\begin{array}{r} 10^s \quad 1^s \\ \begin{array}{|c|c|} \hline 6 & 11 \\ \hline 7 & 1 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 4 & 6 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline 2 & 5 \\ \hline \end{array} \end{array}$$

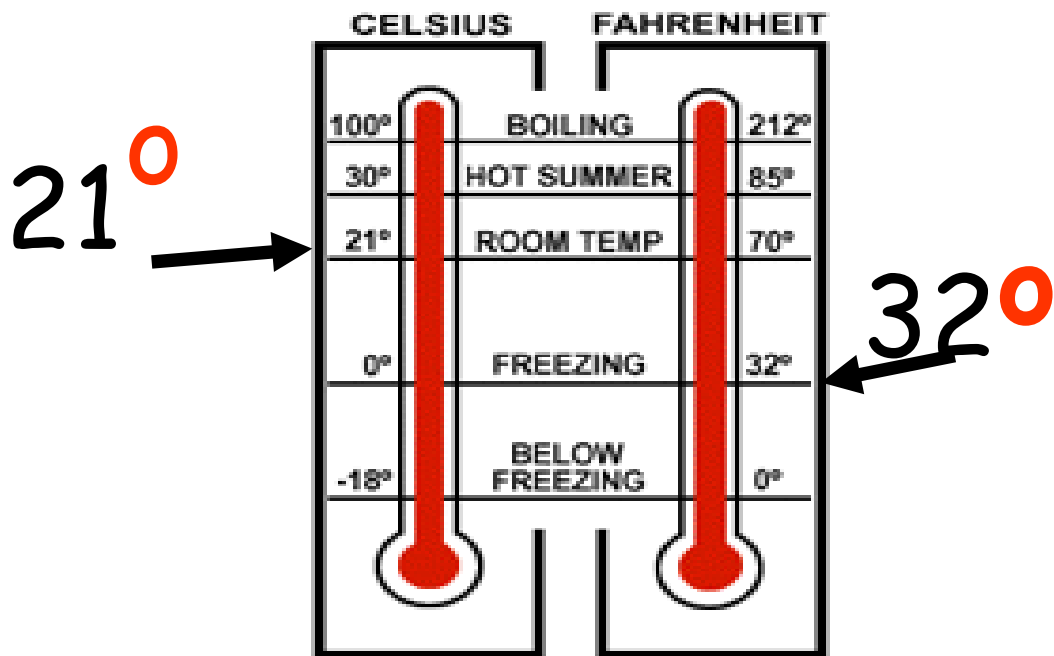
A set of step-by-step instructions for doing something, such as carrying out a computation or solving a problem.

Celsius



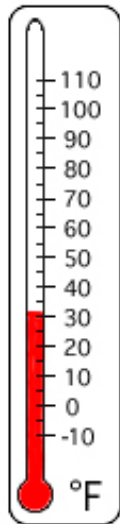
The temperature scale on which 0° is the temperature that pure water freezes and 100° it boils. Celsius scale is used in the metric system.

degree (°)

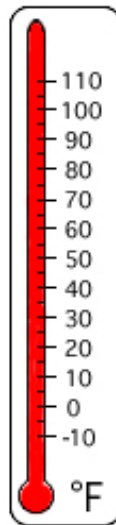


A unit for measuring temperature.

Fahrenheit



32°
freezing
point

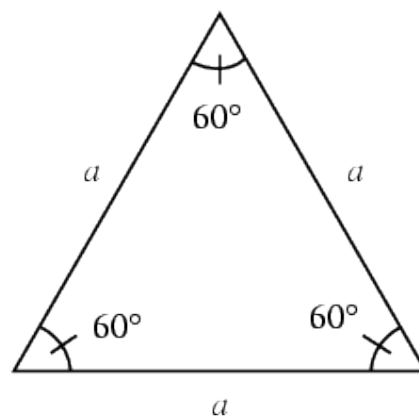
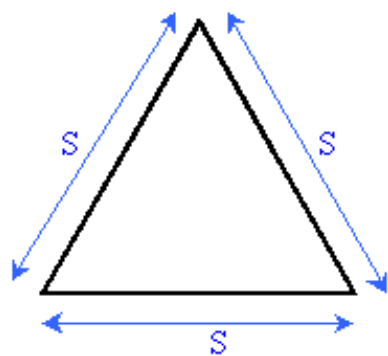


212°
boiling
point



A scale for
temperature
measurement.

equilateral triangle



A polygon in which all sides are the same length.

factors

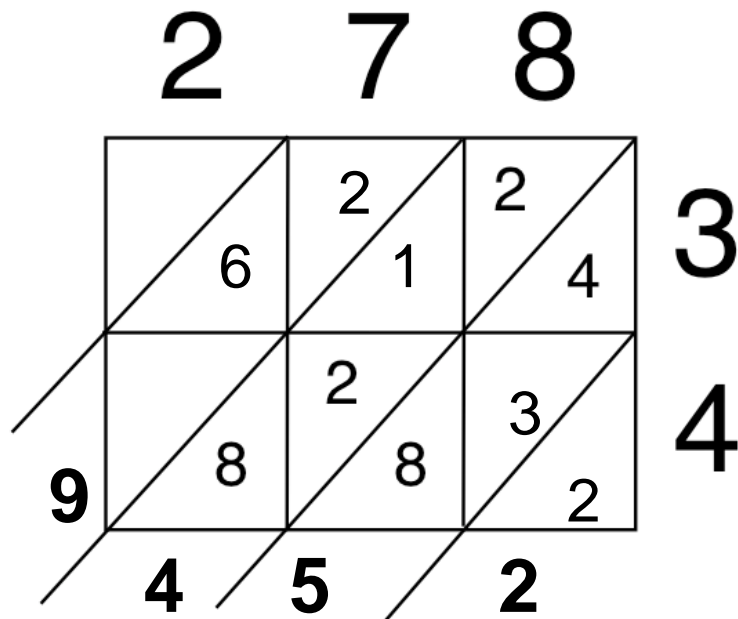
factors

↓ ↓

$$4 \times 3 = 12$$

The numbers being multiplied in a multiplication number model.

lattice multiplication



An algorithm for
multiplying multi-digit
numbers.

lattice multiplication method

- 1. Write the factors on the outside of the grid, one across the top and one down the right side.**
- 2. Multiply each digit in one factor by each digit in the other factor.**
- 3. Add the numbers inside the lattice within each diagonal. If the sum on a diagonal exceeds 9, the excess 10s are added in the next diagonal.**