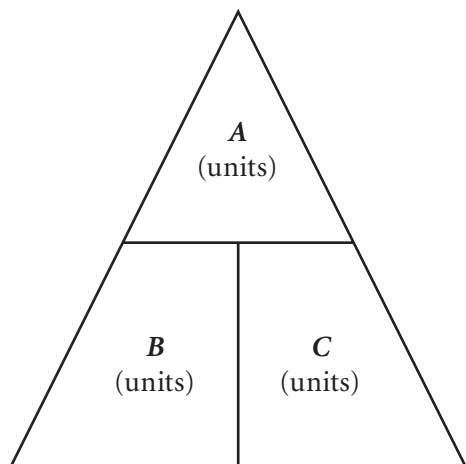


Triangle Instructions

If you are asked for A, cover up A:

$$A = (B)(C)$$



If you are asked for B, cover up B: $B = \frac{A}{C}$

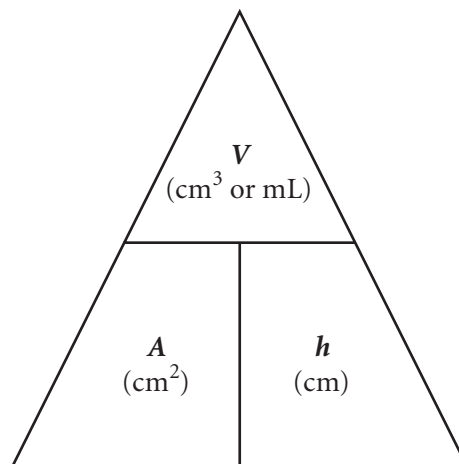
$$B = \frac{A}{C}$$

If you are asked for C, cover up C: $C = \frac{A}{B}$

$$C = \frac{A}{B}$$

Rain Gauge

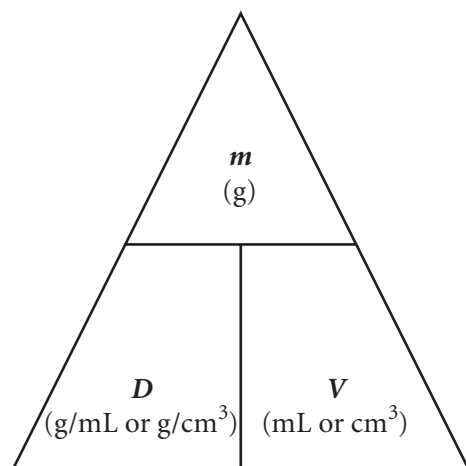
$$A = \frac{V}{h}$$



Area (A) is different for each rain gauge.

Density

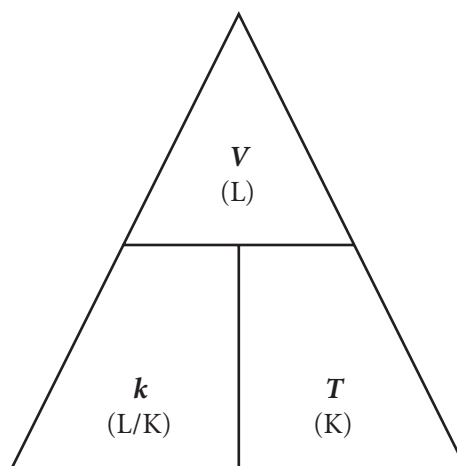
$$D = \frac{m}{V}$$



Density (D) is different for each substance.

Charles's Law

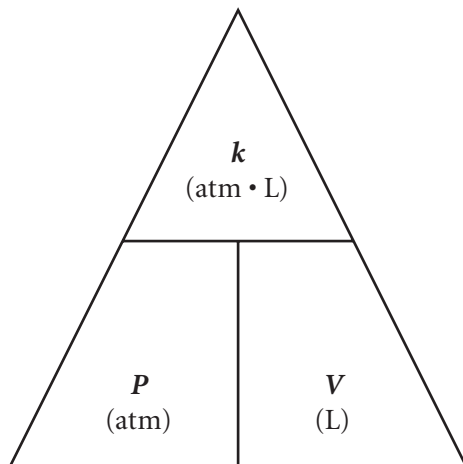
$$k = \frac{V}{T}$$



The proportionality constant, k, is different for each gas sample.

Boyle's Law

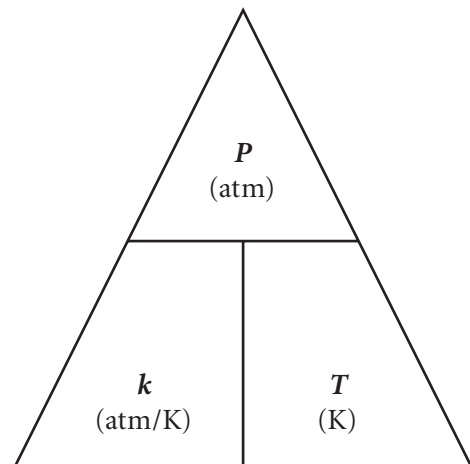
$$k = P \cdot V$$



The proportionality constant, k , is different for each gas sample.

Gay-Lussac's Law

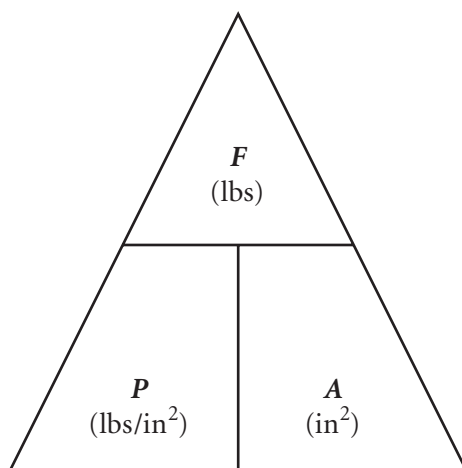
$$k = \frac{P}{T}$$



The proportionality constant, k , is different for each gas sample.

Pressure

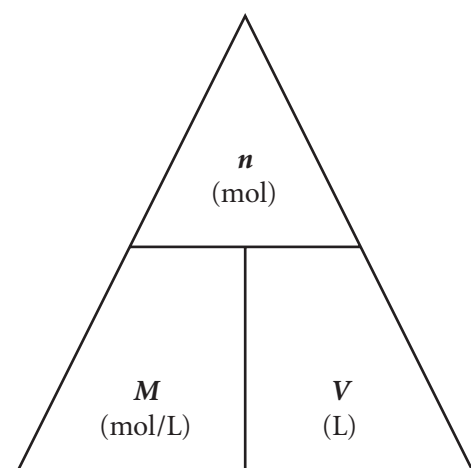
$$P = \frac{F}{A}$$



[Note: 14.7 lbs/in² = 1.0 atm]

Molarity

$$M = \frac{n}{V}$$



[Note: 14.7 lbs/in² = 1.0 atm]