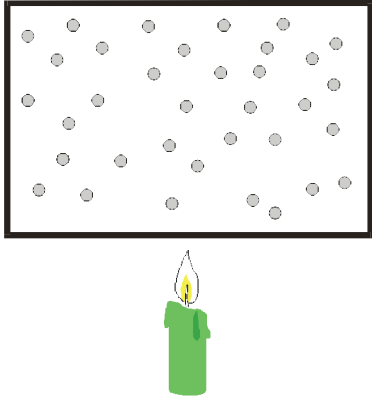
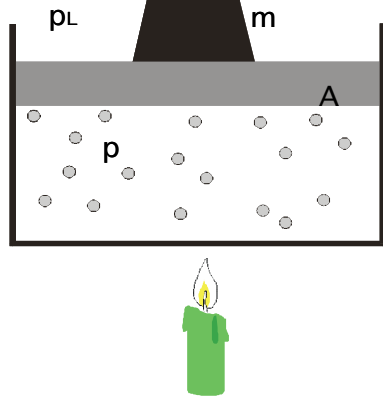
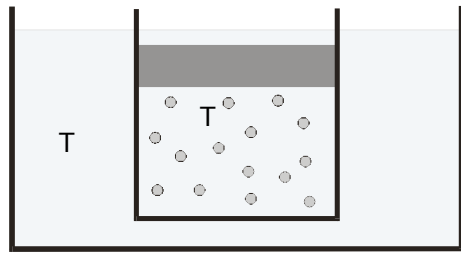
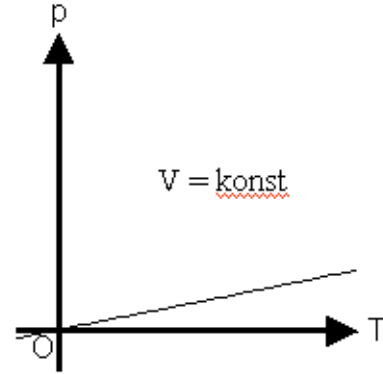
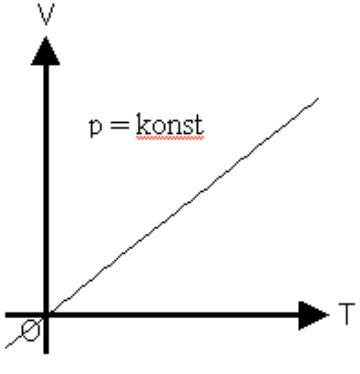
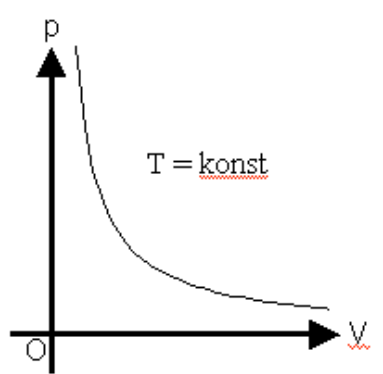


Gasgesetze

| Prozess | <i>isochor</i> | <i>isobar</i> | <i>isotherm</i> |
|------------------------------|---|---|---|
| Bedingung für Zustandsgrößen | $V = \text{konstant}, n = \text{konstant}$ | $p = \text{konstant}, n = \text{konstant}$ | $T = \text{konstant}, n = \text{konstant}$ |
| Gasgesetz | <i>Amontons</i> $\frac{p}{T} = \frac{nR}{V} = \text{konstant}$ | <i>Gay-Lussac</i> $\frac{V}{T} = \frac{nR}{p} = \text{konstant}$ | <i>Boyle-Mariotte</i> $pV = nRT = \text{konstant}$ |
| experimentelle Realisierung |  |  |  <i>langsame</i> Kompression oder Expansion |
| graphische Darstellung |  |  |  |