

Melting and Boiling Points of
Some Common Compounds

| Metals | | |
|-----------|--------------------|--------------------|
| Substance | Melting point (°C) | Boiling point (°C) |
| Li(s) | 181 | 1342 |
| Sn(s) | 232 | 2602 |
| Al(s) | 660 | 2519 |
| Ag(s) | 962 | 2162 |
| Cu(s) | 1085 | 2562 |

| Ionic Compounds | | |
|-----------------------|--------------------|--------------------|
| Substance | Melting point (°C) | Boiling point (°C) |
| CsBr(s) | 636 | 1300 |
| NaI(s) | 661 | 1304 |
| MgCl ₂ (s) | 714 | 1412 |
| NaCl(s) | 801 | 1413 |
| MgO(s) | 2825 | 3600 |

| Molecular substances | | |
|---|--------------------|--------------------|
| Substance | Melting point (°C) | Boiling point (°C) |
| H ₂ (g) | -259 | -253 |
| Cl ₂ (g) | -101 | -34 |
| H ₂ O(l) | 0 | 100 |
| C ₆ H ₆ O(l) | 6 | 80 |
| C ₆ H ₁₂ O ₆ (s) | 142 | decomposes |