

- Radical, 62.
Rate of chemical action, 96.
Renetion, 57.
Reduction, 34.
Reversible reactions, 176.
- Salts, 48.
Saturation, 11.
Smelting, 36, 117.
Sodium, 44, 170.
Solution, 11, 13, 68.
Steel, 124.
Strong acids and bases, 69.
Strontium, 180.
Study of air, 29.
 of water, 26.
Substance, 1.
Sulphur, oxides of, 39, 165.
Sulphuric acid, 122, 165.
Symbols, 56.
Synthesis, 103.
- Test for carbonic acid, 119.
 for nitric acid, 84.
 for sulphuric acid, 166.
Tetroxide of nitrogen, 86.
Trioxide of sulphur, 39, 165.
- Valency, 73.
Vapour density, 134.
Ventilation, 122.
- Water, a study of, 26.
 gas, 145.
 of crystallisation, 159.
Waters, hard, 181.
Weak acids and bases, 69.
Weights, atomic, 59, 72.
 atomic, list of, 60, 185.
Weight, combining, 54.
 molecular, 149.
Writing equations, 77.