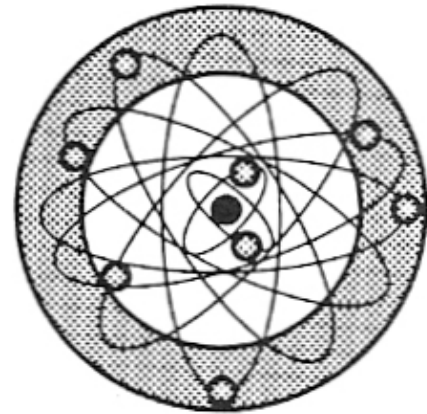
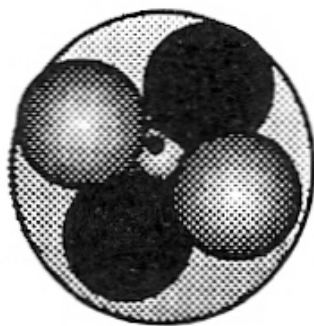
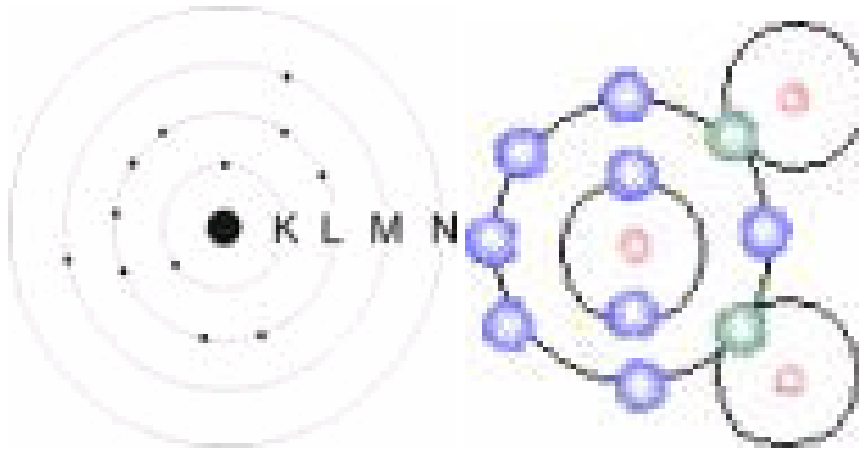


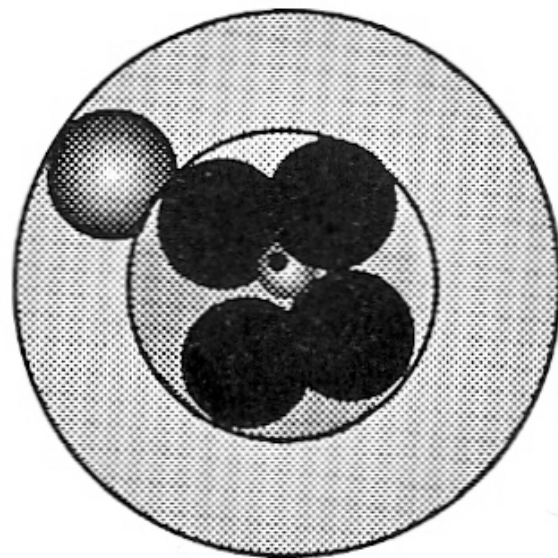
Natriumatom



Sauerstoffatom




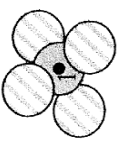

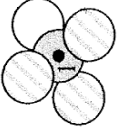
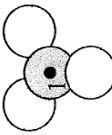
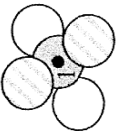
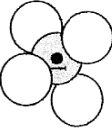
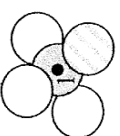
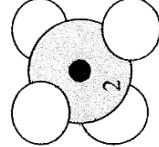
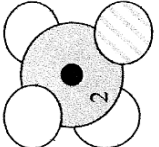
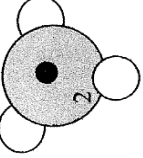
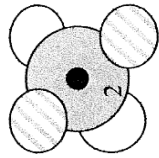
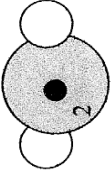
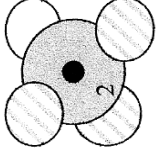
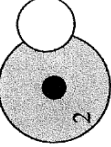
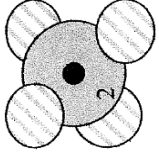
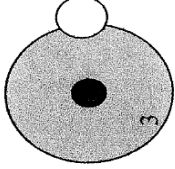
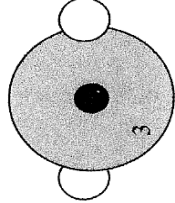


Sauerstoffatom

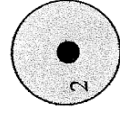


Natriumatom

Die ersten 20 Elemente des Periodensystems nach dem Kugelwolkenmodell

H		He	
1 Wasserstoff		2 Helium	
Li		Ne	
3 Lithium		10 Neon	
Be		F	
4 Beryllium		9 Fluor	
B		O	
5 Bor		8 Sauerstoff	
C		N	
6 Kohlenstoff		7 Stickstoff	
Si		P	
14 Silicium		15 Phosphor	
Al		S	
13 Aluminium		16 Schwefel	
Mg		Cl	
12 Magnesium		17 Chlor	
Na		Ar	
11 Natrium		18 Argon	
K			
19 Kalium			
Ca			
20 Calcium			

Legende:



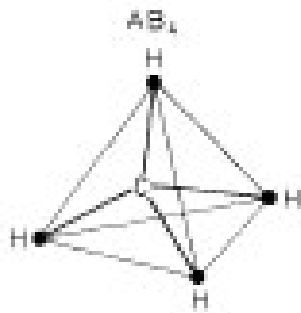
Vollbesetzte 1. und 2. Schale mit Kern



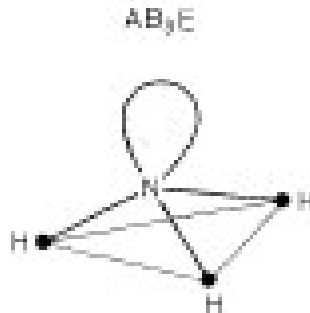
Kugelwolke mit 1 Elektron



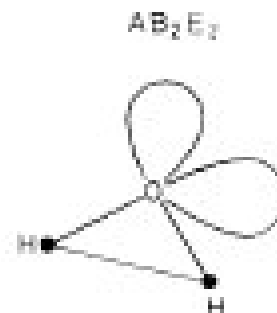
Kugelwolke mit 2 Elektronen



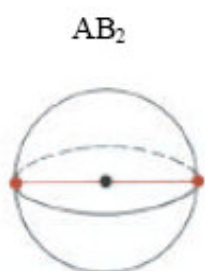
Bindungswinkel: 109,5°



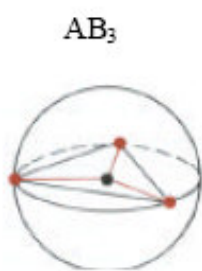
107°



104,5°



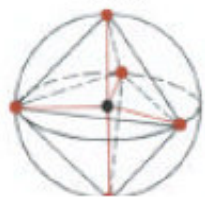
Gerade
AB₃



gleichseitiges Dreieck
AB₅



Tetraeder
AB₆



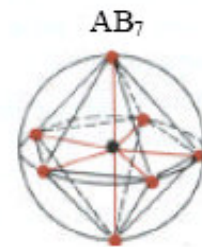
trigonale Bipyramide



quadratische Pyramide



Oktaeder



pentagonale Bipyramide

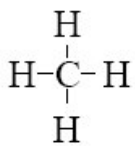
Lewis-Formel

Molekülstruktur

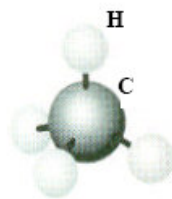
Lewis-Formel

Molekülstruktur

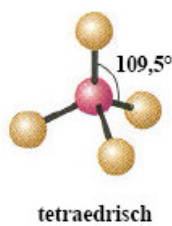
Methan, CH₄:



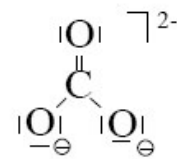
Lewis-Formel



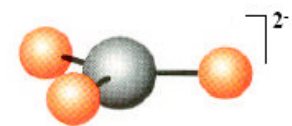
Molekülstruktur



Carbonat, CO₃²⁻:

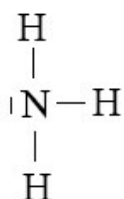


Lewis-Formel

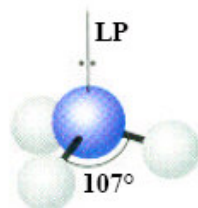


Molekülstruktur

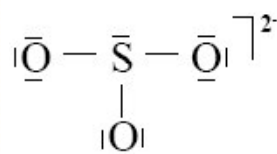
Ammoniak, NH₃:



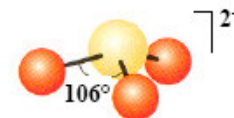
Ammoniak, NH₃:



Sulfit, SO₃²⁻:



Lewis-Formel



trigonal pyramidal