

Aufgabe 6

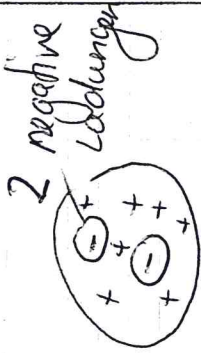
Stoff (Element)

Kugelmodell



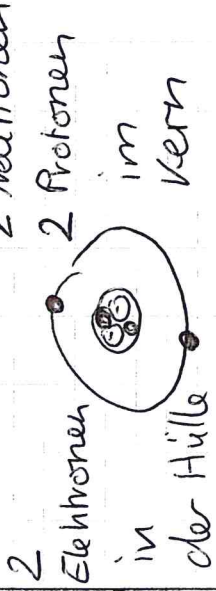
Helium (He)

Rosinenkuchenmodell



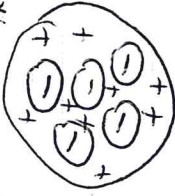
2 negative Ladungen

Schalenmodell nach Bohr



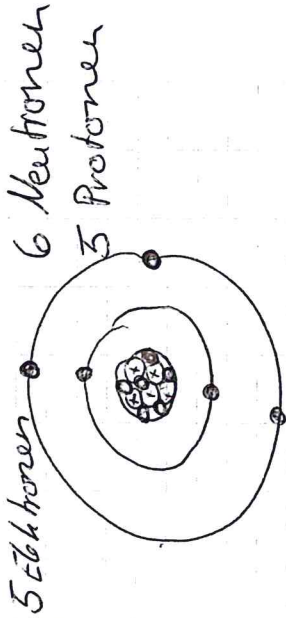
2 Neutronen
2 Protonen
im Kern
2 Elektronen
in der Hülle

5 negative Ladungen



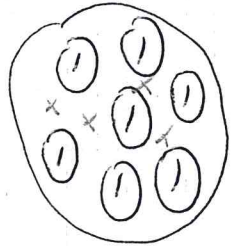
Bor (B)

5 negative Ladungen



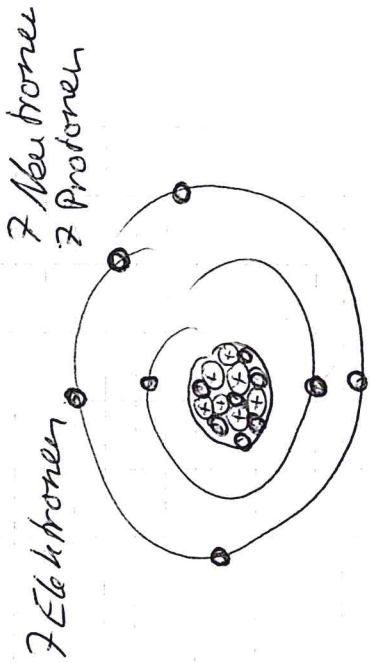
5 Elektronen
6 Neutronen
5 Protonen

7 negative Ladungen



Stickstoff (N)

7 negative Ladungen



7 Elektronen
7 Neutronen
7 Protonen

Aufgabe 6

Stoff (Element)

Fluor (F)

Kohlenstoff (C)

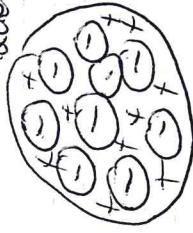
Sauerstoff (O)

Kugelmmodell

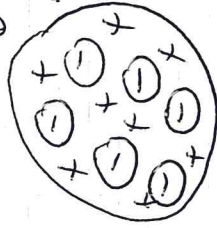


Rosinenkuchenmodell

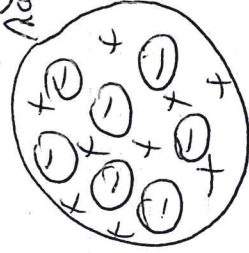
3 negative
Ladungen



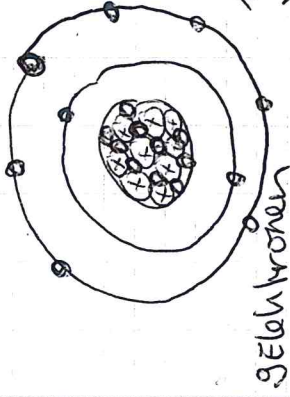
6 negative
Ladungen



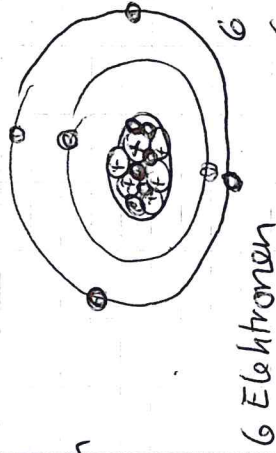
8 negative
Ladungen



Schalenmodell nach Bohr



10 Neutronen
9 Protonen
9 Elektronen



6 Neutronen
6 Protonen
6 Elektronen



8 Neutronen
8 Protonen
8 Elektronen

Aufgabe 6

Stoff (Element)

Neon (Ne)

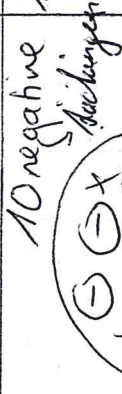
Natrium (Na)

Magnesium (Mg)

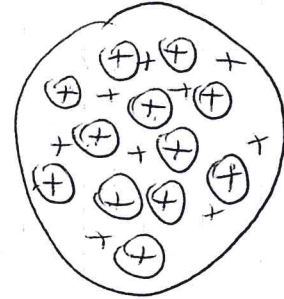
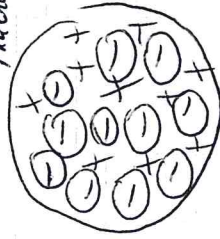
Kugelmodell



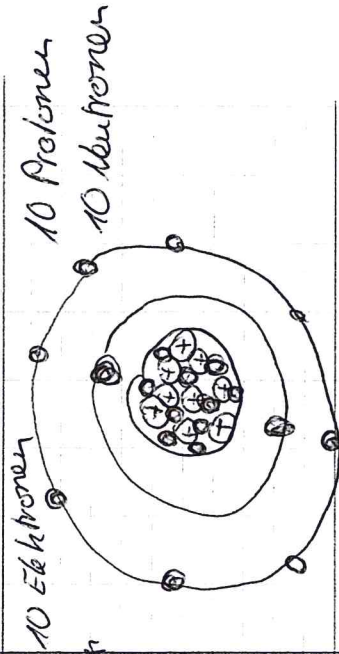
Rosinenkuchenmodell



11 negative Ladungen

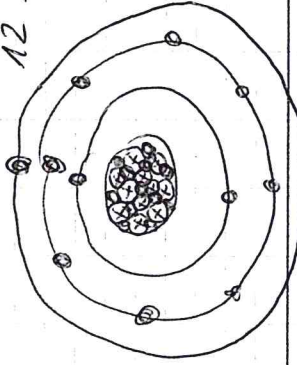


Schalenmodell nach Bohr



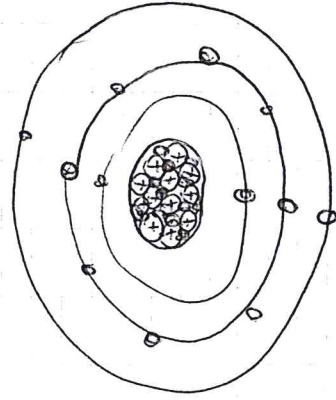
11 Elektronen

11 Protonen 12 Neutronen



12 Elektronen

12 Protonen 12 Neutronen



Aufgabe 6

Stoff (Element)

Phosphor (P)

Argon (Ar)

Nicht Prüfungsstoff

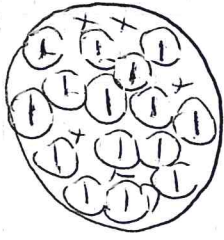
Calcium (Ca)

Kugelmmodell

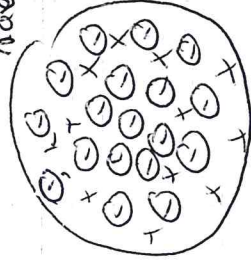


Rosinenkuchenmodell

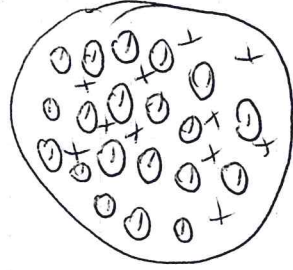
15 negative Ladungen



18 negative Ladungen

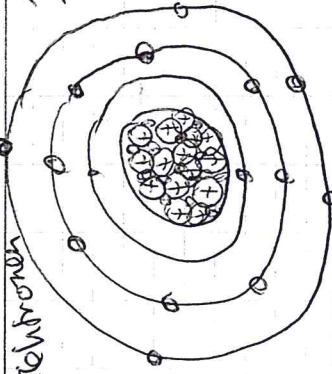


20 negative Ladungen



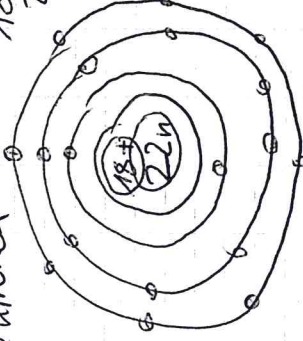
Schalenmodell nach Bohr

15 Elektronen



18 Elektronen

18 Protonen
22 Neutronen



20 Elektronen

20 Protonen
20 Neutronen

