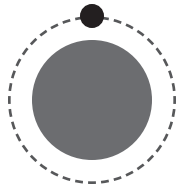


Hydrogen

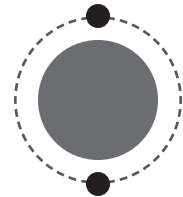
Atomic number: 1
Atomic weight: 1
State of matter: gas
Protons: 1
Neutrons (usually): 0
Electrons: 1
Number of electron shells:



Number of valence electrons:

Helium

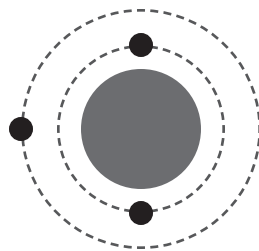
Atomic number: 2
Atomic weight: 4
State of matter: gas
Protons: 2
Neutrons (usually): 2
Electrons: 2
Number of electron shells:



Number of valence electrons:

Lithium

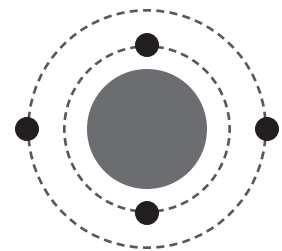
Atomic number: 3
Atomic weight: 7
State of matter: solid
Protons: 3
Neutrons (usually): 4
Electrons: 3
Number of electron shells:



Number of valence electrons:

Beryllium

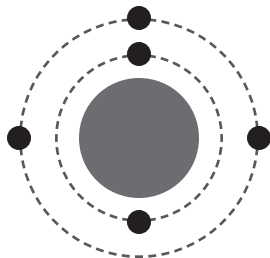
Atomic number: 4
Atomic weight: 9
State of matter: solid
Protons: 4
Neutrons (usually): 5
Electrons: 4
Number of electron shells:



Number of valence electrons:

Boron

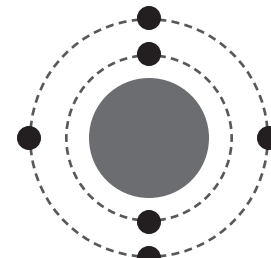
Atomic number: 5
Atomic weight: 11
State of matter: solid
Protons: 5
Neutrons (usually): 6
Electrons: 5
Number of electron shells:



Number of valence electrons:

Carbon

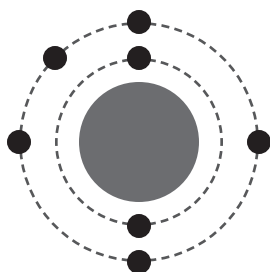
Atomic number: 6
Atomic weight: 12
State of matter: solid
Protons: 6
Neutrons (usually): 6
Electrons: 6
Number of electron shells:



Number of valence electrons:

Nitrogen

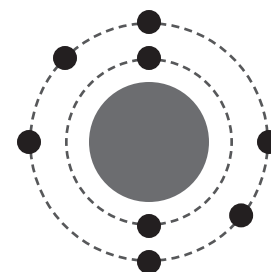
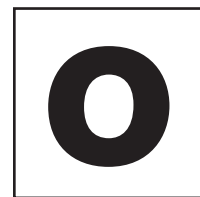
Atomic number: 7
Atomic weight: 14
State of matter: gas
Protons: 7
Neutrons (usually): 7
Electrons: 7
Number of electron shells:



Number of valence electrons:

Oxygen

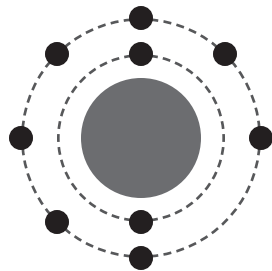
Atomic number: 8
Atomic weight: 16
State of matter: gas
Protons: 8
Neutrons (usually): 8
Electrons: 8
Number of electron shells:



Number of valence electrons:

Fluorine

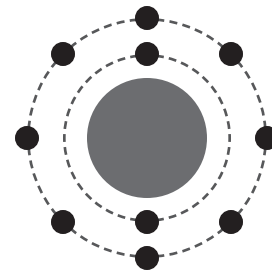
Atomic number: 9
Atomic weight: 19
State of matter: gas
Protons: 9
Neutrons (usually): 10
Electrons: 9
Number of electron shells:



Number of valence electrons:

Neon

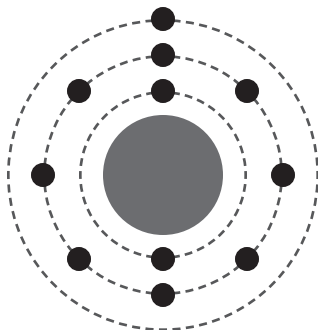
Atomic number: 10
Atomic weight: 20
State of matter: gas
Protons: 10
Neutrons (usually): 10
Electrons: 10
Number of electron shells:



Number of valence electrons:

Sodium

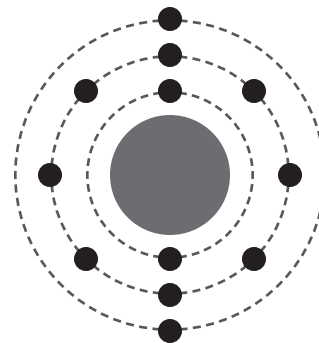
Atomic number: 11
Atomic weight: 23
State of matter: solid
Protons: 11
Neutrons (usually): 12
Electrons: 11
Number of electron shells:



Number of valence electrons:

Magnesium

Atomic number: 12
Atomic weight: 24
State of matter: solid
Protons: 12
Neutrons (usually): 12
Electrons: 12
Number of electron shells:



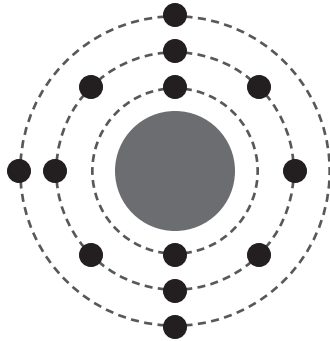
Number of valence electrons:

Aluminum

Atomic number: 13
Atomic weight: 27
State of matter: solid
Protons: 13
Neutrons (usually): 14
Electrons: 13
Number of electron shells:



Number of valence electrons:

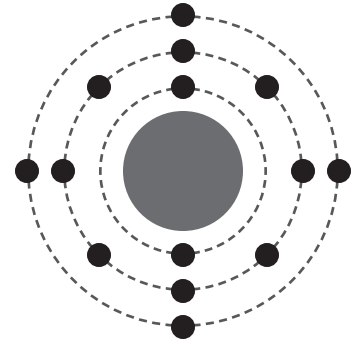


Silicon

Atomic number: 14
Atomic weight: 28
State of matter: solid
Protons: 14
Neutrons (usually): 14
Electrons: 14
Number of electron shells:



Number of valence electrons:

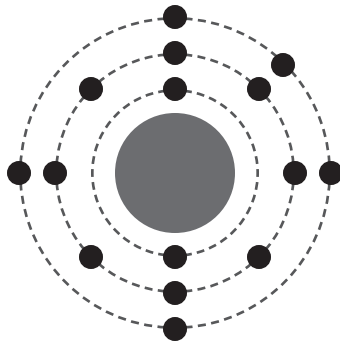


Phosphorus

Atomic number: 15
Atomic weight: 31
State of matter: solid
Protons: 15
Neutrons (usually): 16
Electrons: 15
Number of electron shells:



Number of valence electrons:

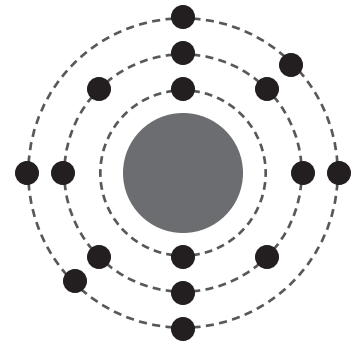


Sulfur

Atomic number: 16
Atomic weight: 32
State of matter: solid
Protons: 16
Neutrons (usually): 16
Electrons: 16
Number of electron shells:



Number of valence electrons:

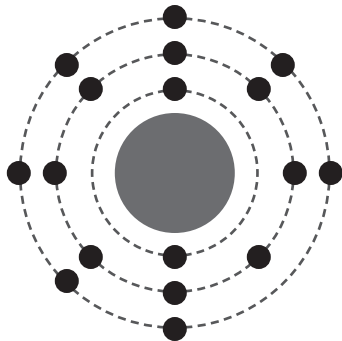


Chlorine

Atomic number: 17
Atomic weight: 35
State of matter: gas
Protons: 17
Neutrons (usually): 18
Electrons: 17
Number of electron shells:



Number of valence electrons:

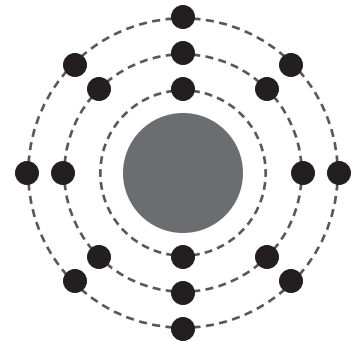


Argon

Atomic number: 18
Atomic weight: 40
State of matter: gas
Protons: 18
Neutrons (usually): 22
Electrons: 18
Number of electron shells:



Number of valence electrons:

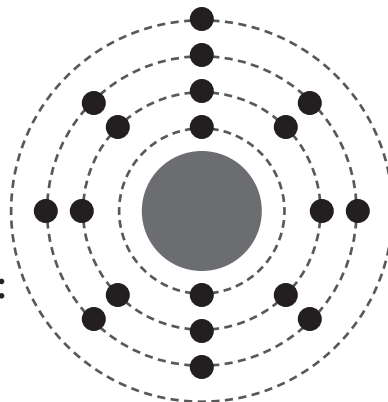


Potassium

Atomic number: 19
Atomic weight: 39
State of matter: solid
Protons: 19
Neutrons (usually): 20
Electrons: 19
Number of electron shells:



Number of valence electrons:



Calcium

Atomic number: 20
Atomic weight: 40
State of matter: solid
Protons: 20
Neutrons (usually): 20
Electrons: 20
Number of electron shells:



Number of valence electrons:

