

Padankan susunan elektron bagi atom unsur-unsur yang berikut dengan betul.

Kumpulan
Kumpulan 1
Kumpulan 2
Kumpulan 17
Kumpulan 18

Dikenali sebagai
Logam alkali bumi
Gas nadir
Logam alkali
Halogen

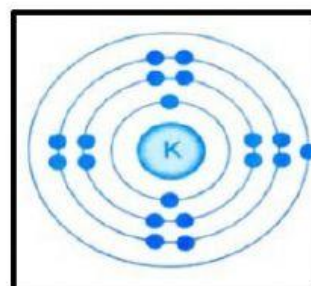
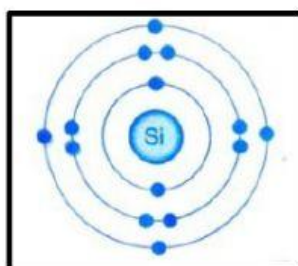
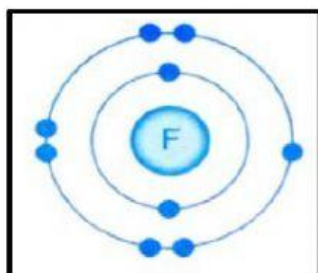
SUSUNAN ELEKTRON

Jadual di bawah menunjukkan bilangan proton bagi lapan unsur yang diwakili dengan huruf A hingga H. Lengkapkan jadual di bawah.

Unsur Element	A	B	C	D	E	F	G	H
Bilangan proton Proton number	19	12	17	7	16	18	14	13
Susunan elektron Electron arrangement	2.8.8.1	2.8.2		2.5		2.8.8		2.8.3
Nombor kumpulan Group number	I	II	VII	V	VI	VIII	IV	III
Nombor kala Period number	4	3			3	3		3

Padankan lukisan susunan electron dengan atom yang betul

Kalium	Flourin	Silikon
Bilangan proton = 19	Bilangan proton = 9	Bilangan proton = 14

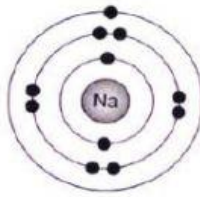


-bahariahbaharin-

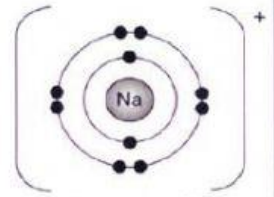
PEMBENTUKAN ION POSITIF DAN NEGATIF

Tentukan sama ada atom di bawah menerima atau menderma electron

1



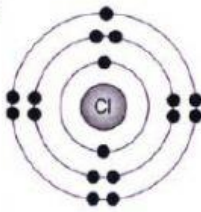
(Derma 1 /Terima 1) elektron



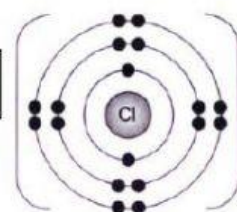
Atom natrium 2.8.1

Ion natrium (2.8)⁺

2



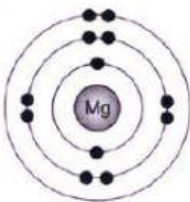
(Derma 1 /Terima 1) elektron



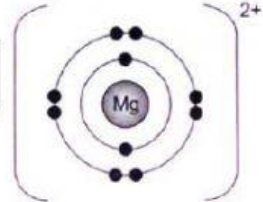
Atom klorin (2.8.7)
Chlorine atom (2.8.7)

Ion klorida (2.8.8)
Chloride ion (2.8.8)⁻

3

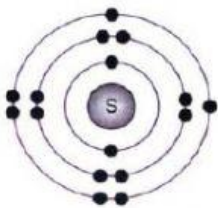


(Derma 2 /Terima 2) elektron

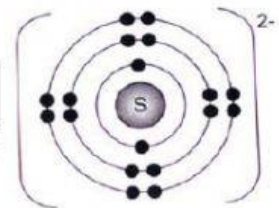


Atom magnesium (2.8.2)
Magnesium atom (2.8.2)

Ion magnesium (2.8)
Magnesium ion (2.8)²⁺



(Derma 2 /Terima 2) elektron



Atom sulfur (2.8.6)
Sulphur atom (2.8.6)

Ion sulfida (2.8.8)
Sulphide ion (2.8.8)²⁻