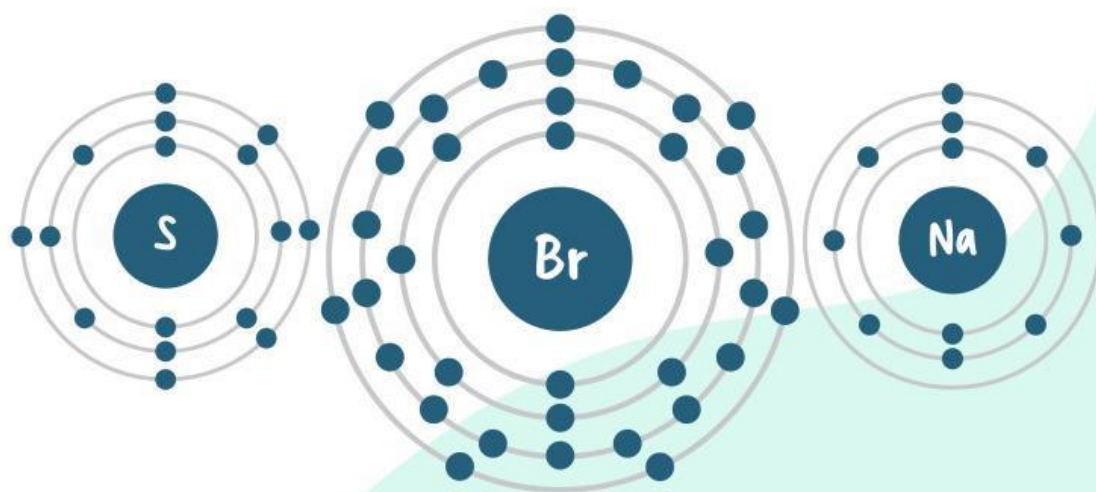


# PENILAIAN HARIAN

## STRUKTUR ATOM & SISTEM PERIODIK UNSUR KELAS X



NAMA

KELAS

# Struktur Atom

## 1. Teori Atom

Tarik nama pencetus teori atom dibawah ini dan letakkan pada model atom yang sesuai

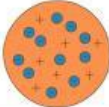
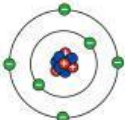
John Dalton

Ernest Rutherford

Mekanika Kuantum

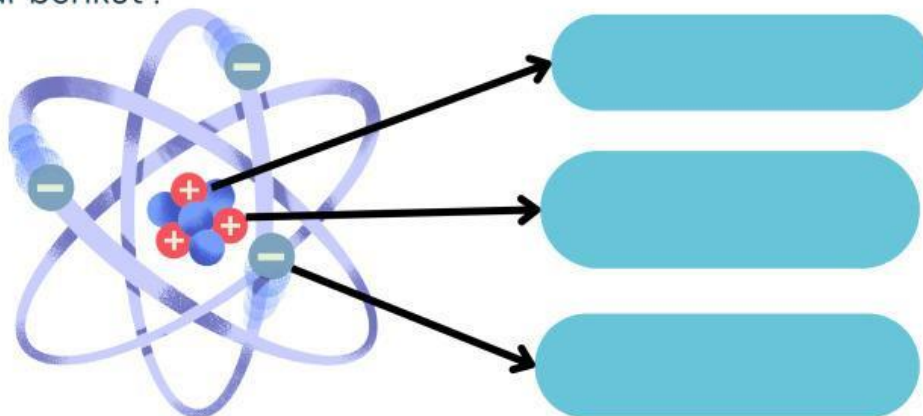
J.J Thomshon

Niels Bohr

| Model Atom                                                                          | Pencetus Teori Atom |
|-------------------------------------------------------------------------------------|---------------------|
|    |                     |
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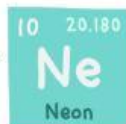
## 2. Penyusun Atom

Sebutkan partikel-partikel penyusun atom yang sesuai dengan gambar berikut !



### Proton, Elektron, Neutron

3. Proton, elektron dan Neutron dari unsur



Secara berturut-turut adalah...

- A. 10,10,10
- B. 20, 20, 20
- C. 10, 20, 10
- D. 20, 10, 10
- E. 10, 10, 20

4. Proton, elektron dan Neutron dari ion



Secara berturut-turut adalah...



5. Proton, elektron dan Neutron dari ion



Secara berturut-turut adalah...



6. Hubungkan dengan tanda panah contoh contoh nuklida dengan keterangan yang sesuai !



ISOTOP



ISOBAR



ISOTON

## Konfigurasi Elektron

7. Tuliskan Konfigurasi elektron berdasarkan kulit (teori Niels Bohr) dan Berdasarkan subkulit (teori mekanika kuantum)

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| $^{35}_{17}\text{Cl}$ | Konfigurasi Berdasarkan Kulit (Teori Niels Bohr)    |
|                       | Konfigurasi Berdasarkan subkulit (Mekanika Kuantum) |

8. Tuliskan Konfigurasi Elektron, dan tentukan letak periode serta golongan Unsur-Unsur berikut!

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| $^{39}_{19}\text{K}$  | Konfigurasi Elektron                                           |
|                       | Periode : <input type="text"/> Golongan : <input type="text"/> |
| $^{19}_9\text{F}$     | Konfigurasi Elektron                                           |
|                       | Periode : <input type="text"/> Golongan : <input type="text"/> |
| $^{56}_{26}\text{Fe}$ | Konfigurasi Elektron                                           |
|                       | Periode : <input type="text"/> Golongan : <input type="text"/> |
| $^{65}_{30}\text{Zn}$ | Konfigurasi Elektron                                           |
|                       | Periode : <input type="text"/> Golongan : <input type="text"/> |

## Sistem Periodik Unsur

Tarik unsur-unsur berikut ini sesuai dengan letaknya pada sistem periodik unsur!

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| Cs | Li | Mg | K  | Rb | S  | As | Al | In |
| N  | O  | Ca | Cl | Be | Sn | Ge | Ga | P  |
| Kr | F  | Ba | I  | At | Ne | Ar | Xe |    |

| IA |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |    | VIIIA |     |    |     |      |    |
|----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|----|-------|-----|----|-----|------|----|
| H  | IIA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |    | IIIA  | IVA | VA | VIA | VIIA | He |
|    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |    | B     | C   |    | O   |      |    |
| Na |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |    |       | Si  |    |     |      |    |
|    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    | Br |       |     |    |     |      |    |
|    | Sr  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sb |    |       |     |    |     |      |    |
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