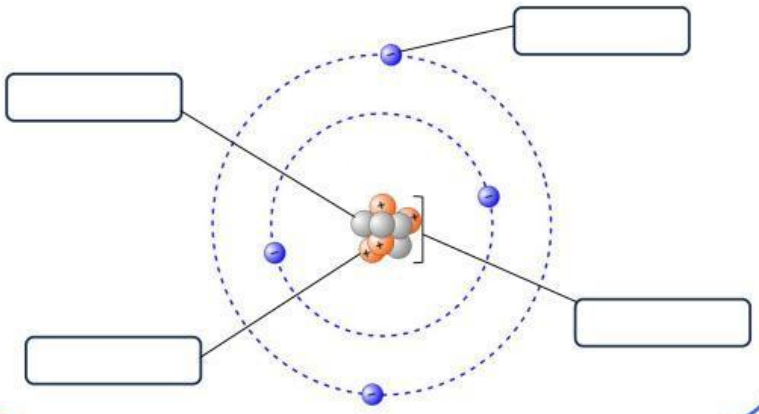
LEMBAR KERJA PESERTA DIDIK

Anggota Kelompok

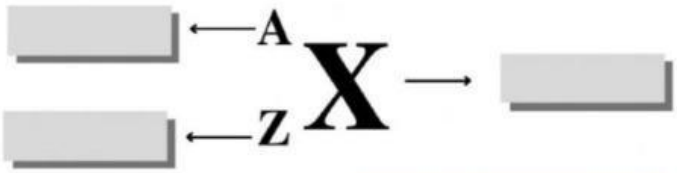
A. STRUKTUR ATOM

Analisalah partikel penyusun atom berikut.



B. NOTASI ATOM

Notasi Atom Netral



Jumlah Proton (p) : Z
Jumlah Elektron (e): Z
Jumlah Neutron (n): A - Z

LIVEWORKSHEETS

Notasi Atom Bermuatan

$$\square \leftarrow A \quad {}_{Z}X^{m} \rightarrow \square$$

$$\square \leftarrow Z \quad \searrow \square$$

Jumlah Proton (p) : Z
Jumlah Elektron (e): Z -muatan
Jumlah Neutron (n): A - Z

$^{12}_{6}C$	
Nomor Atom	= 6
Nomor Massa	= 12
J. Proton	= 6
J. Elektron	= 6
J. Neutron	= 12 – 6 = 6

$^{27}_{13}Al^{3+}$	
Nomor Atom	= 13
Nomor Massa	= 27
J. Proton	= 13
J. Elektron	= 13 – (+3) = 10
J. Neutron	= 27 – 13 = 14

$^{32}_{16}S^{2-}$	
Nomor Atom	= 16
Nomor Massa	= 32
J. Proton	= 16
J. Elektron	= 16 – (-2) = 18
J. Neutron	= 32 – 16 = 16

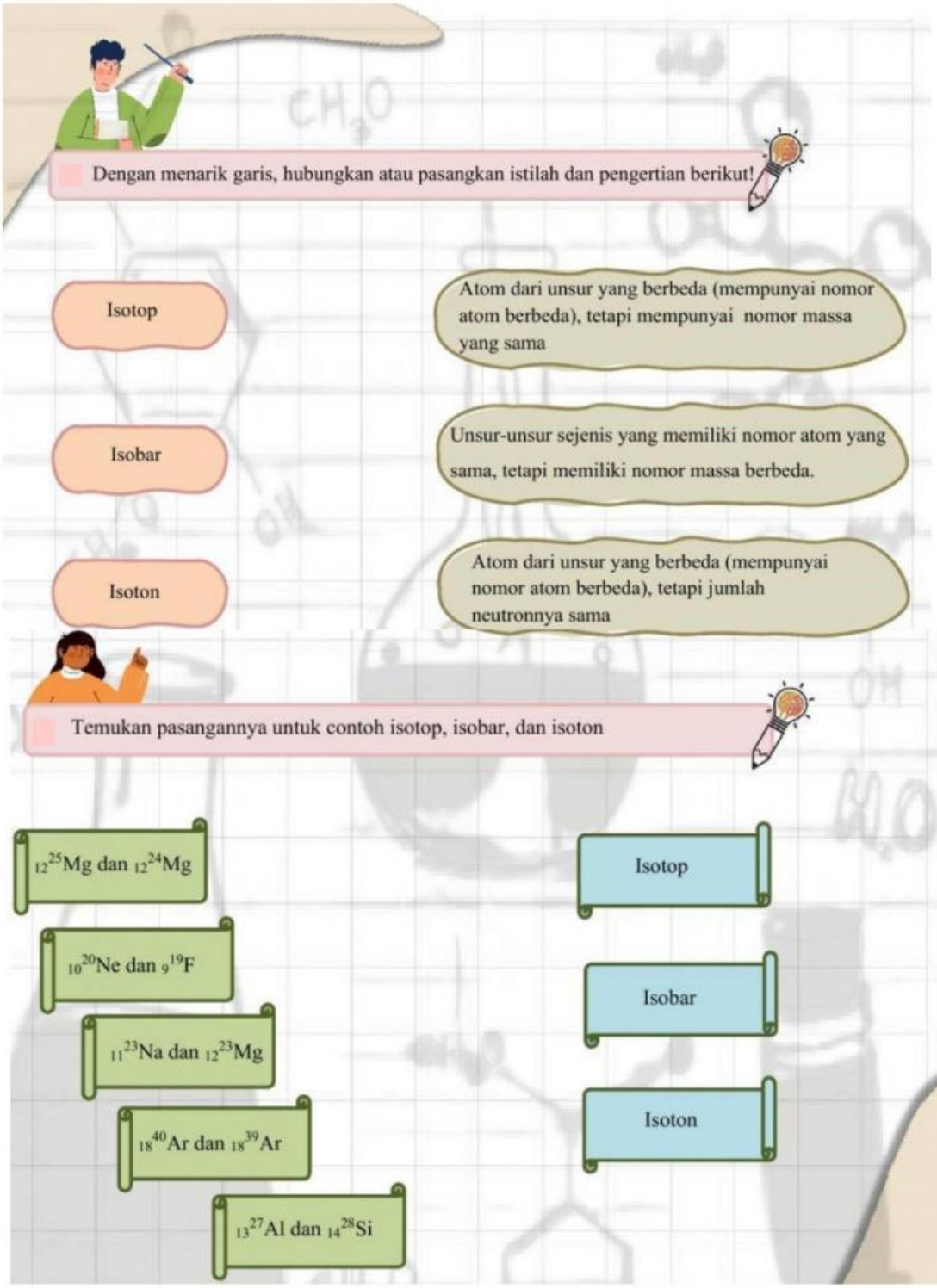
Isilah tabel berikut dengan benar.

Atom / Ion	Nomor Atom	Nomor Massa	Jumlah Partikel Penyusun Atom		
			Proton	Elektron	Neutron
$^{23}_{11}Na$					
$^{35}_{17}Cl^{-}$					
$^{14}_{7}N$					
$^{24}_{12}Mg^{2+}$					
$^{19}_{9}F^{-}$					

LIVEWORKSHEETS

C. ISOTOP, ISOBAR, DAN ISOTON

ISOTOP	ISOBAR	ISOTON
${}^{A}_{Z}X$ ${}^{A'}_{Z}X$	${}^{A}_{Z}X$ ${}^{A}_{Z'}X'$	${}^{A}_{Z}X$ ${}^{A'}_{Z'}X'$
Z = Z	A= A	(A-Z) = (A'-Z')



LIVEWORKSHEETS