

Nama :
Kelas : X TSM

Soal

1. Tuliskan konfigurasi elektron untuk unsur-unsur berikut.

No.	Lambang unsur	Konfigurasi elektron	Golongan	Periode
1.				
2.				
3.				
4.				

5.	12 Mg Magnesium			
6.	56 Ba Barium			
7.	5 B Boron			
8.	13 Al Aluminum			
9.	53 I Iodine			

10.	C Carbon			
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2. Sempurnakanlah tabel periodik unsur berikut berdasarkan hasil konfigurasi elektron pada soal no. 1 di atas!



Tabel Periodik Unsur

1
H
Hydrogen

2
He
Helium

3
Li
Lithium

4
Be
Beryllium

5
B
Boron

6
C
Carbon

7
N
Nitrogen

8
O
Oxygen

9
F
Fluorine

10
Ne
Neon

11
Na
Sodium

12
Mg
Magnesium

13
Al
Aluminum

14
Si
Silicon

15
P
Phosphorus

16
S
Sulfur

17
Cl
Chlorine

18
Ar
Argon

19
K
Potassium

20
Ca
Calcium

21
Sc
Scandium

22
Ti
Titanium

23
V
Vanadium

24
Cr
Chromium

25
Mn
Manganese

26
Fe
Iron

27
Co
Cobalt

28
Ni
Nickel

29
Cu
Copper

30
Zn
Zinc

31
Ga
Gallium

32
Ge
Germanium

33
As
Arsenic

34
Se
Selenium

35
Br
Bromine

36
Kr
Krypton

37
Rb
Rubidium

38
Sr
Strontium

39
Y
Yttrium

40
Zr
Zirconium

41
Nb
Niobium

42
Mo
Molybdenum

43
Tc
Technetium

44
Ru
Ruthenium

45
Rh
Rhodium

46
Pd
Palladium

47
Ag
Silver

48
Cd
Cadmium

49
In
Indium

50
Sn
Tin

51
Sb
Antimony

52
Te
Tellurium

53
I
Iodine

54
Xe
Xenon

55
Cs
Cesium

56
Ba
Barium

57
La
Lanthanum

58
Ce
Cerium

59
Pr
Praseodymium

60
Nd
Neodymium

61
Pm
Promethium

62
Sm
Samarium

63
Eu
Europium

64
Gd
Gadolinium

65
Tb
Terbium

66
Dy
Dysprosium

67
Ho
Holmium

68
Er
Erbium

69
Tm
Thulium

70
Yb
Ytterbium

71
Lu
Lutetium

87
Fr
Francium

88
Ra
Radium

89
Ac
Actinium

90
Th
Thorium

91
Pa
Protactinium

92
U
Uranium

93
Np
Neptunium

94
Pu
Plutonium

95
Am
Americium

96
Cm
Curium

97
Bk
Berkelium

98
Cf
Californium

99
Es
Einsteinium

100
Fm
Fermium

101
Md
Mendelevium

102
No
Nobelium

103
Lr
Lawrencium



Key:
Atom Number
Symbol
Name
Atomic Number

1 H Hydrogen																	2 He Helium																	
3 Li Lithium	4 Be Beryllium																	5 B Boron	6 C Carbon	7 N Nitrogen	8 O Oxygen	9 F Fluorine	10 Ne Neon											
11 Na Sodium	12 Mg Magnesium	13 Al Aluminum	14 Si Silicon	15 P Phosphorus	16 S Sulfur	17 Cl Chlorine	18 Ar Argon	19 K Potassium	20 Ca Calcium	21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	36 Kr Krypton									
37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	54 Xe Xenon	55 Cs Cesium	56 Ba Barium	57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium
87 Fr Francium	88 Ra Radium	89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium																		

