

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

20
Ca
Calcium

37
Rb
Rubidium

55
Cs
Cesium

87
Fr
Francium

21
Sc
Scandium

39
La
Lanthanum

57
Ac
Actinium

22
Ti
Titanium

40
Zr
Zirconium

58
Ce
Cerium

90
Th
Thorium

23
V
Vanadium

41
Nb
Niobium

59
Pr
Praseodymium

91
Pa
Protactinium

24
Cr
Chromium

42
Mo
Molybdenum

60
Nd
Neodymium

92
U
Uranium

25
Mn
Manganese

43
Tc
Technetium

61
Pm
Promethium

93
Np
Neptunium

26
Fe
Iron

44
Ru
Ruthenium

62
Sm
Samarium

94
Pu
Plutonium

27
Co
Cobalt

45
Rh
Rhodium

63
Eu
Europium

95
Am
Americium

28
Ni
Nickel

46
Pd
Palladium

64
Gd
Gadolinium

96
Cm
Curium

29
Cu
Copper

47
Ag
Silver

65
Tb
Terbium

97
Bk
Berkelium

30
Zn
Zinc

48
Cd
Cadmium

66
Dy
Dysprosium

98
Cf
Californium

31
Ga
Gallium

49
In
Indium

67
Ho
Holmium

99
Es
Einsteinium

32
Ge
Germanium

50
Sn
Tin

68
Er
Erbium

100
Fm
Fermium

33
As
Arsenic

51
Sb
Antimony

69
Tm
Thulium

101
Md
Mendelevium

34
Se
Selenium

52
Te
Tellurium

70
Yb
Ytterbium

102
No
Nobelium

35
Br
Bromine

53
I
Iodine

71
Lu
Lutetium

103
Lr
Lawrencium

36
Kr
Krypton

54
Xe
Xenon

72
Hf
Hafnium

37
Ar
Argon

55
At
Astatine

73
Ta
Tantalum

38
Ne
Neon

56
Rn
Radon

74
W
Tungsten

39
Na
Sodium

57
La
Lanthanum

75
Re
Rhenium

40
Mg
Magnesium

58
Ce
Cerium

76
Os
Osmium

41
Li
Lithium

59
Pr
Praseodymium

77
Ir
Iridium

42
Be
Beryllium

60
Nd
Neodymium

78
Pt
Platinum

43
B
Boron

61
Pm
Promethium

79
Au
Gold

44
C
Carbon

62
Sm
Samarium

80
Hg
Mercury

45
N
Nitrogen

63
Eu
Europium

81
Tl
Thallium

46
O
Oxygen

64
Gd
Gadolinium

82
Pb
Lead

47
F
Fluorine

65
Tb
Terbium

83
Bi
Bismuth

48
Ne
Neon

66
Dy
Dysprosium

84
Po
Polonium

49
K
Potassium

67
Ho
Holmium

85
At
Astatine

50
Ca
Calcium

68
Er
Erbium

86
Ra
Radium

51
Sc
Scandium

69
Tm
Thulium

87
Ac
Actinium

52
Ti
Titanium

70
Yb
Ytterbium

88
Th
Thorium

53
V
Vanadium

71
Lu
Lutetium

89
Pa
Protactinium

54
Cr
Chromium

72
Hf
Hafnium

90
U
Uranium

55
Mn
Manganese

73
Ta
Tantalum

91
Np
Neptunium

56
Fe
Iron

74
W
Tungsten

92
Pu
Plutonium

57
Co
Cobalt

75
Re
Rhenium

93
Am
Americium

58
Ni
Nickel

76
Os
Osmium

94
Cm
Curium

59
Cu
Copper

77
Ir
Iridium

95
Am
Americium

60
Zn
Zinc

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Pt
Platinum

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Cm
Curium

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Gallium

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Berkelium

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Ruthenium

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Pu
Plutonium

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Rh
Rhodium

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Am
Americium

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Pd
Palladium

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Curium

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Ag
Silver

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Am
Americium

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Bk
Berkelium

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Sn
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98
Cf
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81
Sb
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