

Cube

H

1

waterstof



Elektron
1s¹

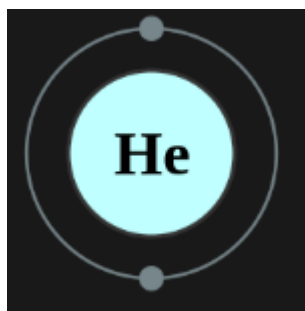
1

Cube

He

2

Helium



2

$1s^2$

Cube

Li

3

Lithium



2,1

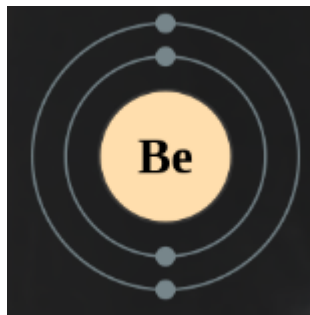
$1s^2 2s^1$

Cube

Be

4

Beryllium



2, 2

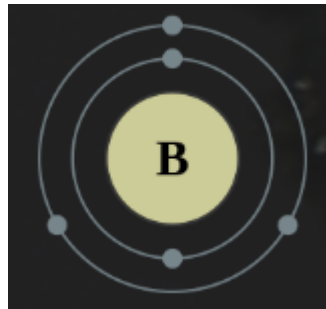
$1s^2 2s^2$

Cube

B

5

Boor



2, 3

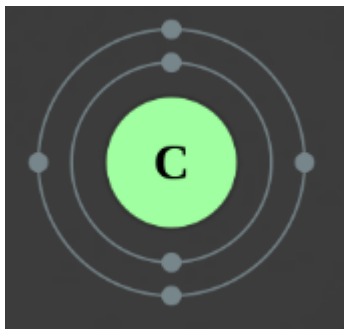
Elektronenkonfig.
 $1s^2 2s^2 2p^1$

Cube

C

6

Koolstof



2,4

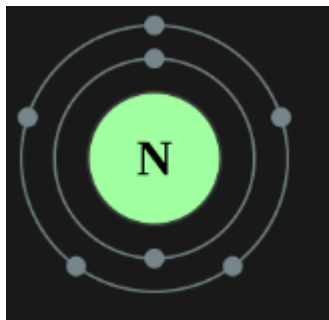
$1s^2 2s^2 2p^2$

Cube

N

7

Stikstof



2, 5

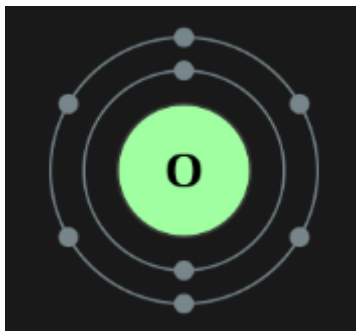
$1s^2 2s^2 2p^3$

Cube

O

8

Zuurstof



2, 6

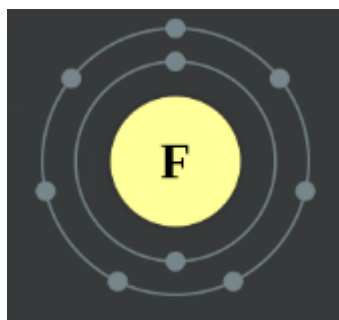
$1s^2 2s^2 2p^4$

Cube

F

9

Fluor



2,7

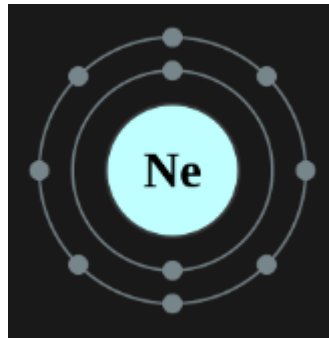
$1s^2 2s^2 2p^5$

Cube

Ne

10

Neon



2, 8

$1s^2 2s^2 2p^6$

Cube

Na

11

Natrium



2, 8, 1

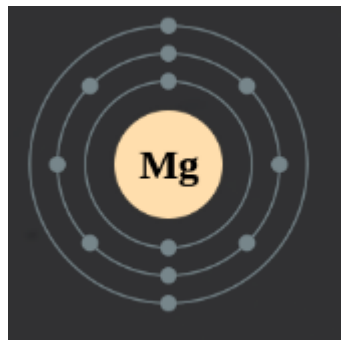
[Ne] 3s¹

Cube

Mg

12

Magnesium



2, 8, 2

Elektronen
[Ne] 3s²

Cube

Al

13

Aluminium



2, 8, 3

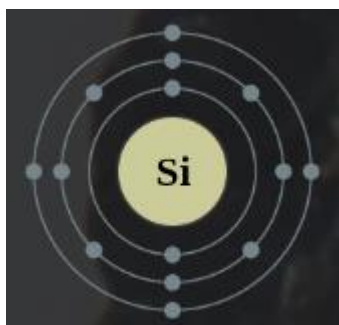
$[\text{Ne}] 3s^2 3p^1$

Cube

Si

14

Silicium



2, 8, 4

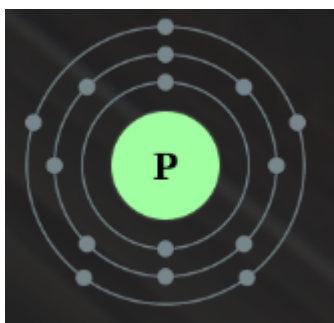
[Ne] 3s² 3p²

Cube

P

15

Fosfor



2, 8, 5

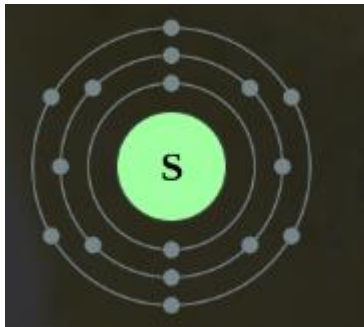
[Ne] 3s² 3p³

Cube

S

16

Zwavel



2, 8, 6

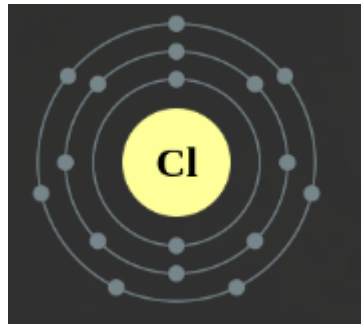
$[\text{Ne}] 3s^2 3p^4$

Cube

Cl

17

Chloor



2, 8, 7

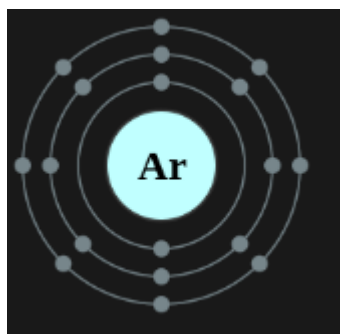
Elektronenkonfig.
[Ne] 3s² 3p⁵

Cube

Ar

18

Argon



2, 8, 8

Elektronenkonf.
[Ne] 3s² 3p⁶

Cube

K

19

Kalium



2, 8, 8, 1

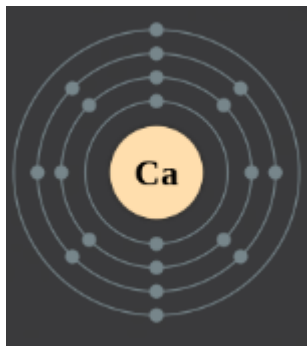
[Ar] 4s¹

Cube

Ca

20

Calcium



2, 8, 8, 2

[Ar] 4s²

Cube

Sc

21

Scandium



2, 8, 9, 2

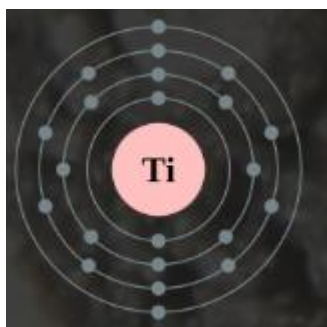
electronium.com
[Ar] 3d¹ 4s²

Cube

Ti

22

Titanium



2, 8, 10, 2

[Ar] 3d² 4s²

Cube

V

23

Vanadium



2, 8, 11, 2

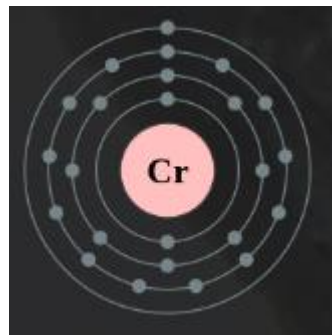
$[\text{Ar}] 3d^3 4s^2$

Cube

Cr

24

Chroom



2, 8, 13, 1

$[\text{Ar}] 3d^5 4s^1$

Cube

Mn

25

Mangaan



2, 8, 13, 2

$[\text{Ar}] 3d^5 4s^2$

Cube

Fe

26

Ijzer



2, 8, 14, 2

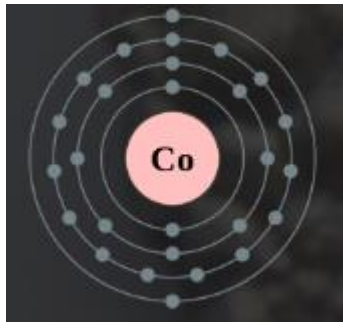
$[\text{Ar}] 3d^6 4s^2$

Cube

Co

27

Kobalt



2, 8, 15, 2

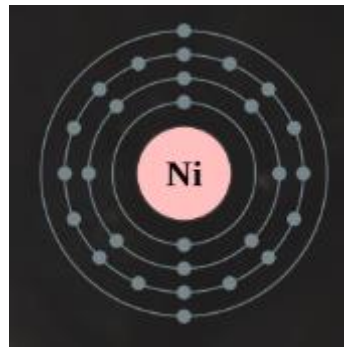
Elektronenkonf.
[Ar] 3d⁷ 4s²

Cube

Ni

28

Nikkel



2, 8, 16, 2

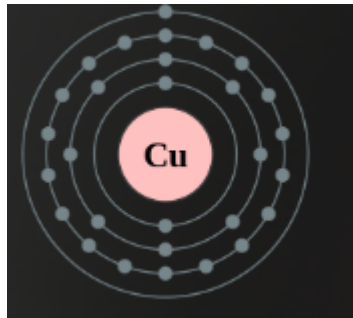
$[\text{Ar}] 3d^8 4s^2$

Cube

Cu

29

Koper



2, 8, 18, 1

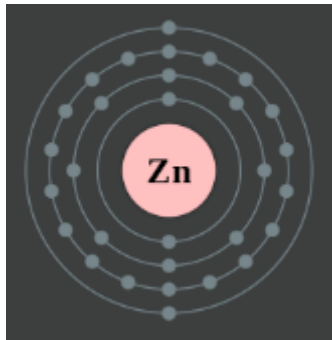
[Ar] 3d¹⁰ 4s¹

Cube

Zn

30

Zink



2, 8, 18, 2

[Ar] 3d¹⁰ 4s²

Cube

Ga

31

Gallium



2, 8, 18, 3

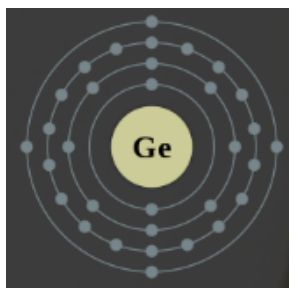
[Ar] 3d¹⁰ 4s² 4p¹

Cube

Ge

32

Germanium



2, 8, 18, 4

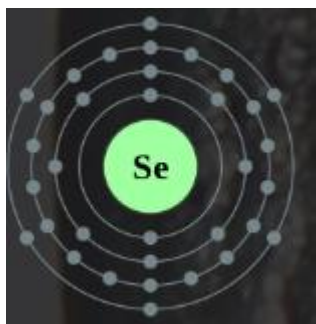
$[\text{Ar}] 3d^{10} 4s^2 4p^2$

Cube

Se

34

Seleen



2, 8, 18, 6

$[\text{Ar}] 3d^{10} 4s^2 4p^4$

Cube

As

33

Arseen



2, 8, 18, 5

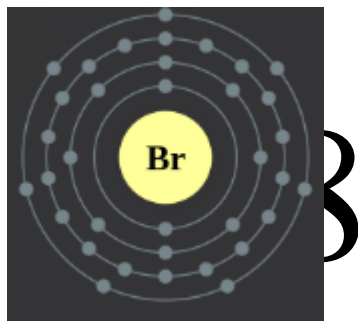
$[\text{Ar}] 3d^{10} 4s^2 4p^3$

Cube

Br

35

Broom



2, 8, 18, 7

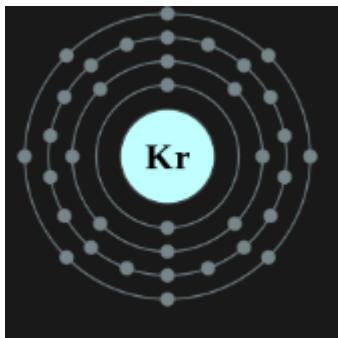
$[\text{Ar}] 3d^{10} 4s^2 4p^5$

Cube

Kr

36

Krypton



2, 8, 18, 8

$[\text{Ar}] 3d^{10} 4s^2 4p^6$

Cube

Rb

37

Rubidium



2, 8, 18, 8, 1

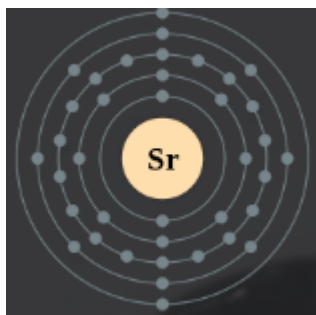
Elektronen
[Kr] 5s¹

Cube

Sr

38

Strontium



2, 8, 18, 8, 2

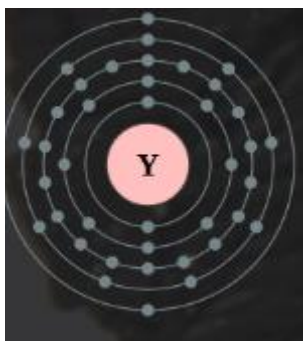
[Kr] 5s²

Cube

Y

39

Yttrium



2, 8, 18, 9, 2

$[\text{Kr}] 4d^1 5s^2$

Cube

Zr

40

Zirkonium



2, 8, 18, 10, 2

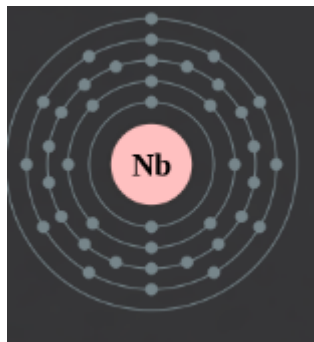
[Kr] 4d² 5s²

Cube

Nb

41

Niobium



2, 8, 18, 12, 1

[Kr] 4d⁴ 5s¹

Cube

Mo

42

Molybdeen



2, 8, 18, 13, 1

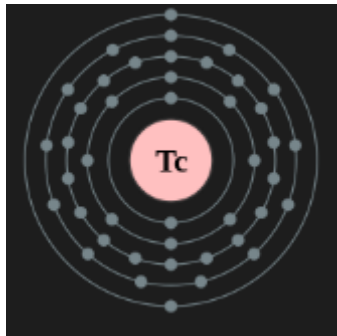
[Kr] 4d⁵ 5s¹

Cube

Tc

43

Technetium



2, 8, 18, 13, 2

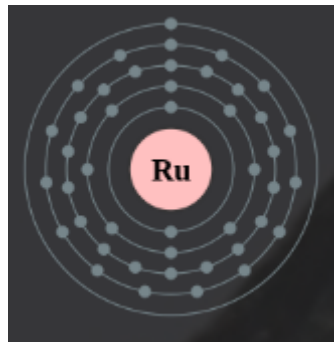
Elektronenkonfig.
[Kr] 4d⁵ 5s²

Cube

Ru

44

Ruthenium



2, 8, 18, 15, 1

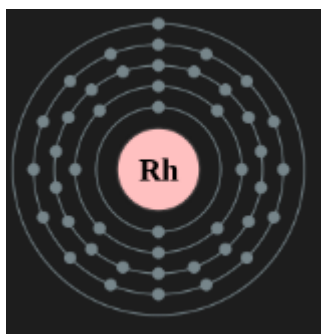
[Kr] 4d⁷ 5s¹

Cube

Rh

45

Rhodium



2, 8, 18, 16, 1

$[\text{Kr}] 4d^8 5s^1$

Cube

Pd

46

Palladium



2, 8, 18, 18

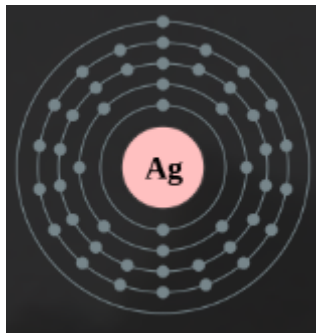
[Kr] 4d¹⁰

Cube

Ag

47

Zilver



2, 8, 18, 18, 1

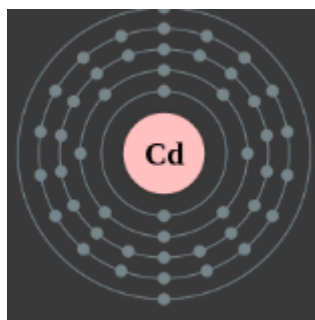
[Kr] 4d¹⁰ 5s¹

Cube

Cd

48

Cadmium



2, 8, 18, 18, 2

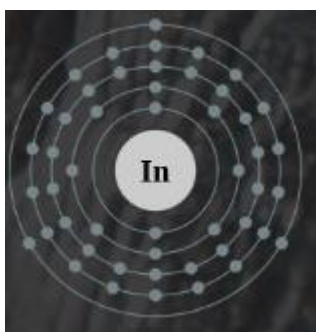
[Kr] 4d¹⁰ 5s²

Cube

In

49

Indium



2, 8, 18, 18, 3

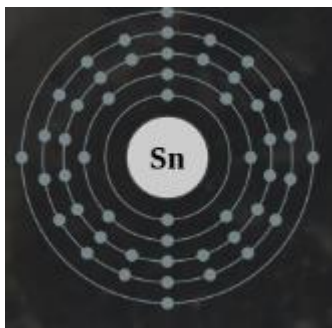
$[\text{Kr}] 4d^{10} 5s^2 5p^1$

Cube

Sn

50

Tin



2, 8, 18, 18, 4

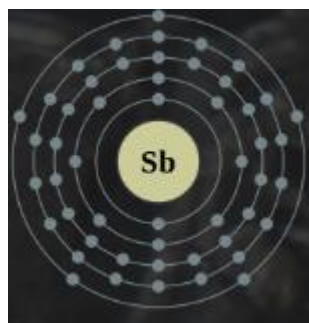
$[\text{Kr}] 4d^{10} 5s^2 5p^2$

Cube

Sb

51

Antimoon



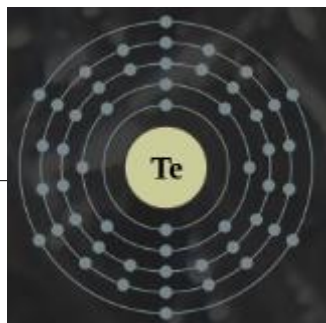
2, 8, 18, 18, 5

$[\text{Kr}] 4d^{10} 5s^2 5p^3$

Cube

Te

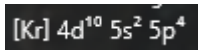
52



2, 8, 18, 18, 6

Tellurium

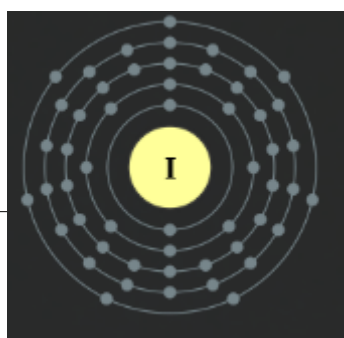
Cube



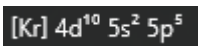
I

53

Jood



2, 8, 18, 18, 7

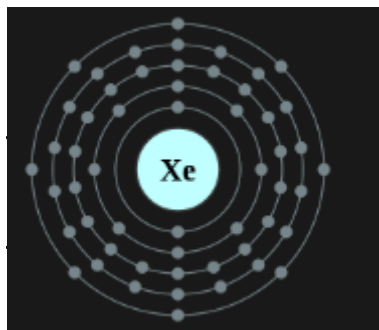


Cube

Xe

54

Xenon



2, 8, 18, 18, 8

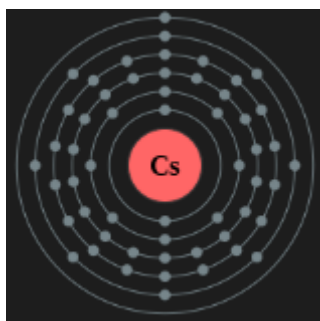
$[\text{Kr}] 4d^{10} 5s^2 5p^6$

Cube

Cs

55

Cesium



2, 8, 18, 18, 8, 1

[Xe] 6s¹

Cube

Ba

56

Barium



2, 8, 18, 18, 8, 2

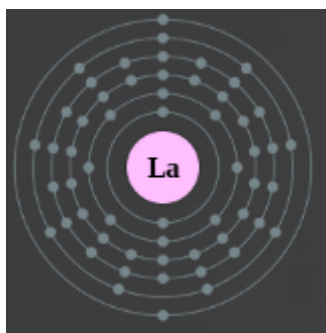
[Xe] 6s²

Cube

La

57

Lanthaan



2, 8, 18, 18, 9, 2

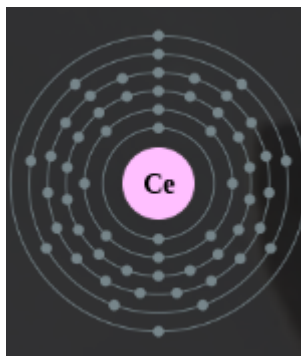
[Xe] 5d¹ 6s²

Cube

Ce

58

Cerium



2, 8, 18, 19, 9, 2

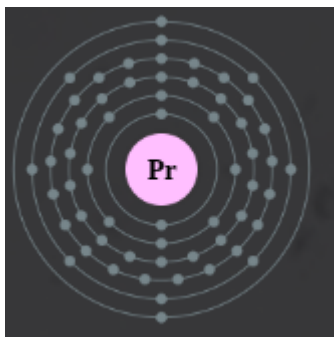
[Xe] 4f¹ 5d¹ 6s²

Cube

Pr

59

Praseodymium



2, 8, 18, 21, 8, 2

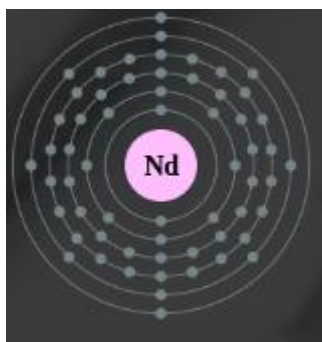
[Xe] 4f³ 6s²

Cube

Nd

60

Neodymium



2, 8, 18, 22, 8, 2

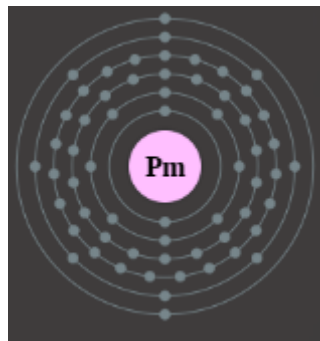
$[\text{Xe}] 4f^4 6s^2$

Cube

Pm

61

Prometium



2, 8, 18, 23, 8, 2

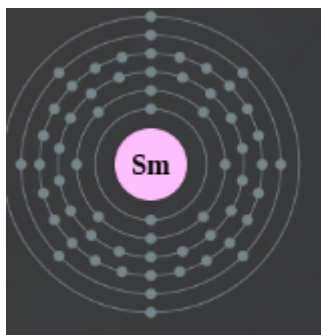
[Xe] 4f⁵ 6s²

Cube

Sm

62

Samarium



2, 8, 18, 24, 8, 2

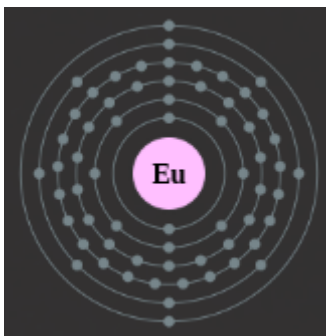
[Xe] 4f⁶ 6s²

Cube

Eu

63

Europium



2, 8, 18, 25, 8, 2

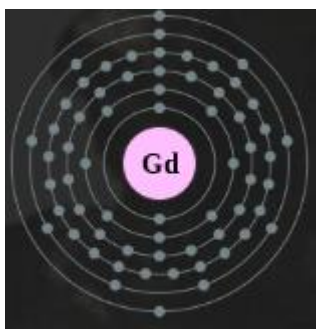
$[\text{Xe}] 4f^7 6s^2$

Cube

Gd

64

Gadolinium



2, 8, 18, 25, 9, 2

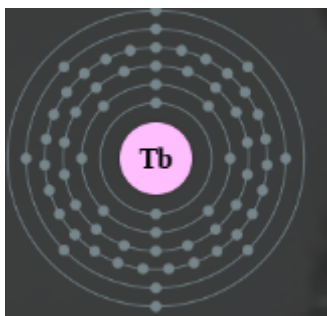
[Xe] 4f⁷ 5d¹ 6s²

Cube

Tb

65

Terbium



2, 8, 18, 27, 8, 2

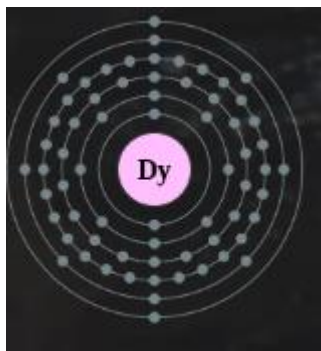
[Xe] 4f⁹ 6s²

Cube

Dy

66

Dysprosium



2, 8, 18, 28, 8, 2

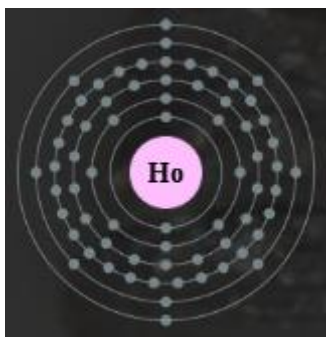
elektronen.com
[Xe] 4f¹⁰ 6s²

Cube

Ho

67

Holmium



2, 8, 18, 29, 8, 2

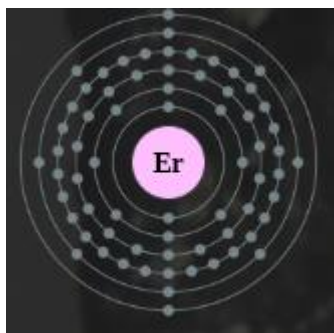
[Xe] 4f¹¹ 6s²

Cube

Er

68

Erbium



2, 8, 18, 30, 8, 2

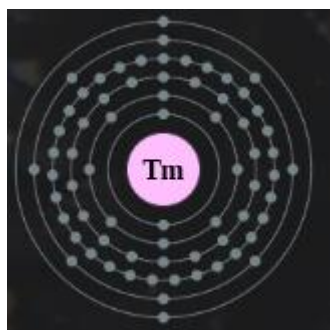
[Xe] 4f¹² 6s²

Cube

Tm

69

Thulium



2, 8, 18, 31, 8, 2

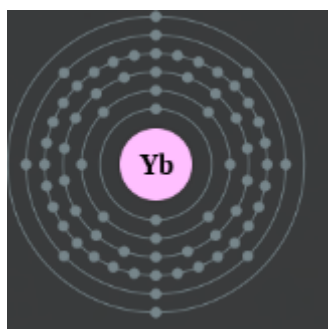
[Xe] 4f¹³ 6s²

Cube

Yb

70

Ytterbium



2, 8, 18, 32, 8, 2

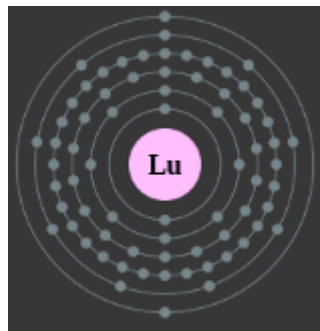
[Xe] 4f¹⁴ 6s²

Cube

Lu

71

Lutetium



2, 8, 18, 32, 9, 2

$[\text{Xe}] 4f^{14} 5d^1 6s^2$

Cube

Hf

72

Hafnium



2, 8, 18, 32, 10, 2

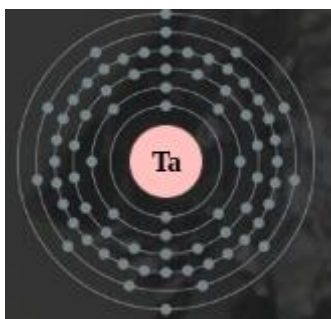
[Xe] 4f¹⁴ 5d² 6s²

Cube

Ta

73

Tantaal



2, 8, 18, 32, 11, 2

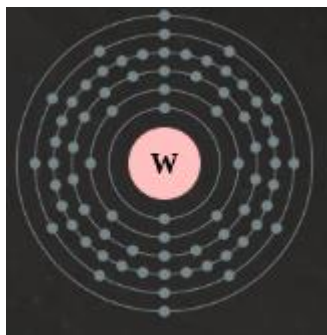
$[\text{Xe}] 4f^{14} 5d^3 6s^2$

Cube

W

74

Wolfraam



2, 8, 18, 32, 12, 2

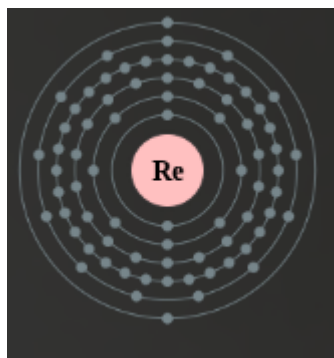
$[\text{Xe}] 4f^{14} 5d^4 6s^2$

Cube

Re

75

Renium



2, 8, 18, 32, 13, 2

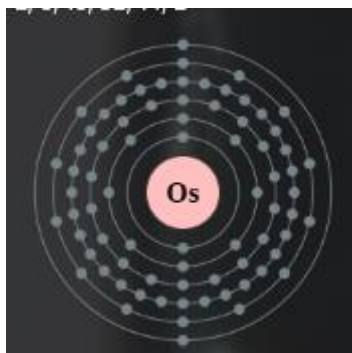
[Xe] 4f¹⁴ 5d⁵ 6s²

Cube

Os

76

Osmium



2, 8, 18, 32, 14, 2

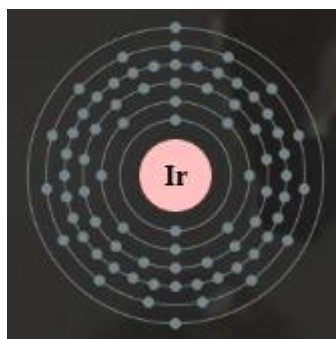
$[\text{Xe}] 4f^{14} 5d^6 6s^2$

Cube

Ir

77

Iridium



2, 8, 18, 32, 15, 2

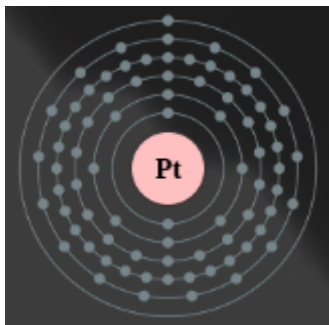
[Xe] 4f¹⁴ 5d⁷ 6s²

Cube

Pt

78

Platina



2, 8, 18, 32, 17, 1

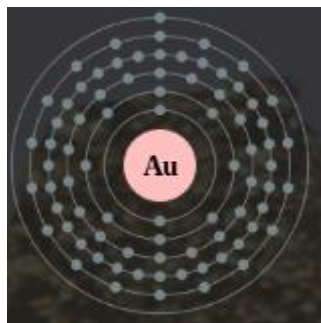
[Xe] 4f¹⁴ 5d⁹ 6s¹

Cube

Au

79

Goud



2, 8, 18, 32, 18, 1

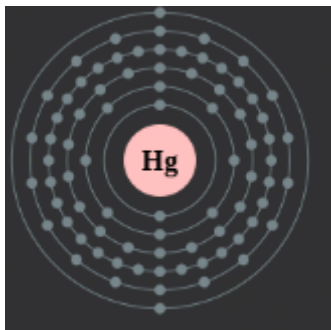
$[\text{Xe}] 4f^{14} 5d^{10} 6s^1$

Cube

Hg

80

Kwik



2, 8, 18, 32, 18, 2

[Xe] 4f¹⁴ 5d¹⁰ 6s²

Cube

Tl

81

Thallium



2, 8, 18, 32, 18, 3

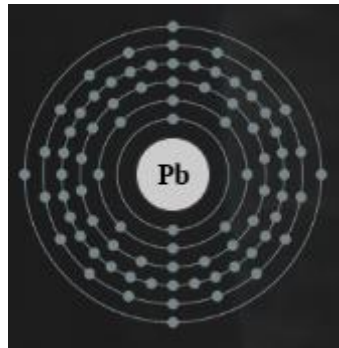
$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^1$

Cube

Pb

82

Lood



2, 8, 18, 32, 18, 3

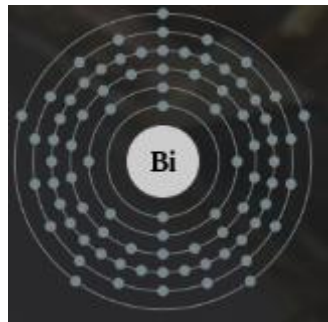
$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^2$

Cube

Bi

83

Bismut



2, 8, 18, 32, 18, 5

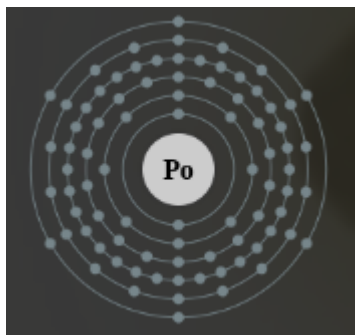
$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^3$

Cube

Po

84

Polonium



2, 8, 18, 32, 18, 6

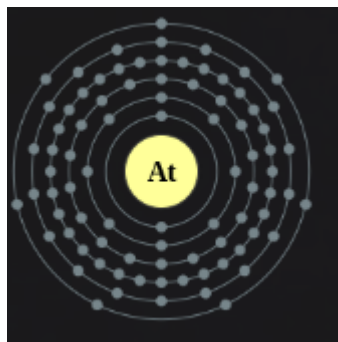
[Xe] 4f¹⁴ 5d¹⁰ 6s² 6p⁴

Cube

At

85

Astaat



2, 8, 18, 32, 18, 7

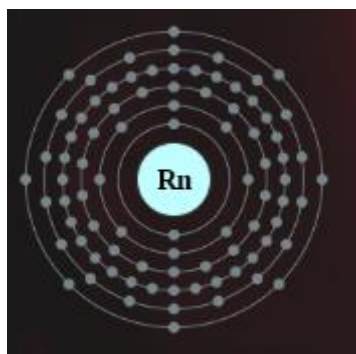
$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^5$

Cube

Rn

86

Radon



2, 8, 18, 32, 18, 8

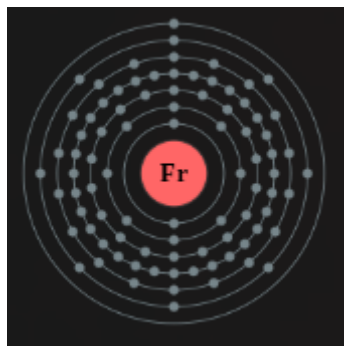
$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^6$

Cube

Fr

87

Francium



2, 8, 18, 32, 18, 8, 1

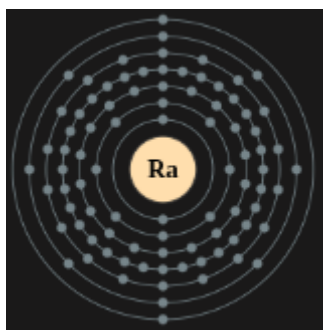
[Rn] 7s¹

Cube

Ra

88

Radium



2, 8, 18, 32, 18, 8, 2

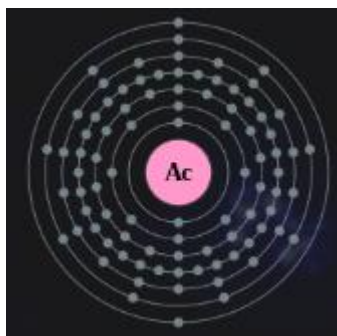
$[Rn] 7s^2$

Cube

Ac

89

Actinium



2, 8, 18, 32, 18, 9, 2

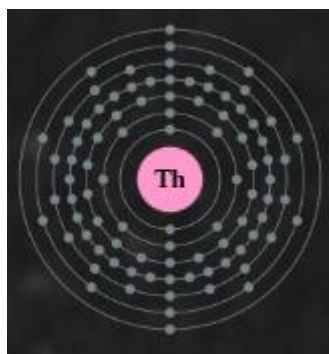
$[Rn] 6d^1 7s^2$

Cube

Th

90

Thorium



2, 8, 18, 32, 18, 10, 2

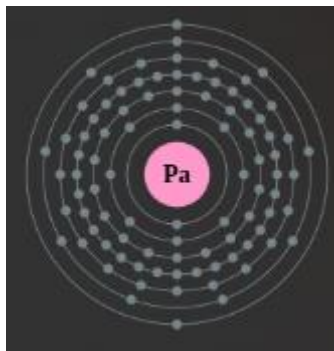
[Rn] 6d² 7s²

Cube

Pa

91

Proactinium



2, 8, 18, 32, 20, 9, 2

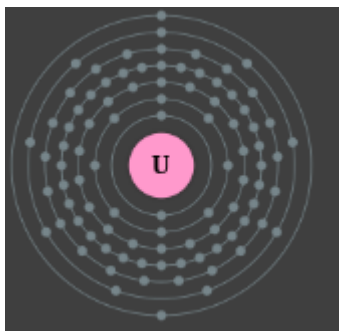
$[Rn] 5f^2 6d^1 7s^2$

Cube

U

92

Uranium



2, 8, 18, 32, 21, 9, 2

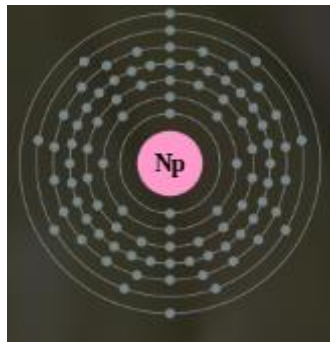
$[Rn] 5f^3 6d^1 7s^2$

Cube

Np

93

Neptunium



2, 8, 18, 32, 22, 9, 2

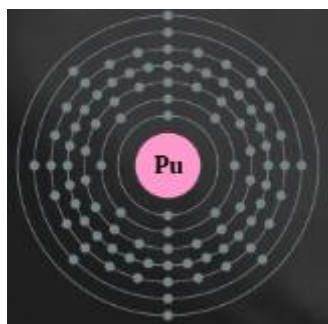
$[Rn] 5f^4 6d^1 7s^2$

Cube

Pu

94

Plutonium



2, 8, 18, 32, 24, 8, 2

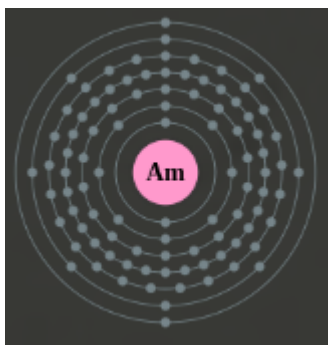
$[Rn] 5f^6 7s^2$

Cube

Am

95

Plutonium



2, 8, 18, 32, 25, 8, 2

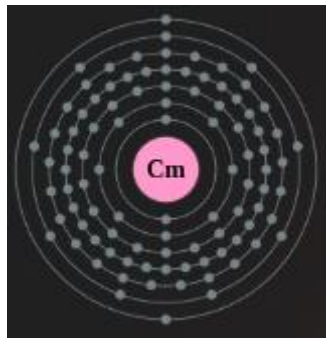
$[Rn] 5f^7 7s^2$

Cube

Cm

96

Curium



2, 8, 18, 32, 25, 9, 2

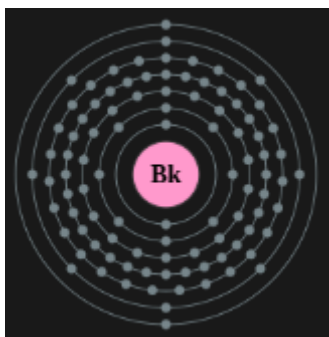
$[Rn] 5f^7 6d^1 7s^2$

Cube

Bk

97

Berkelium



2, 8, 18, 32, 27, 8, 2

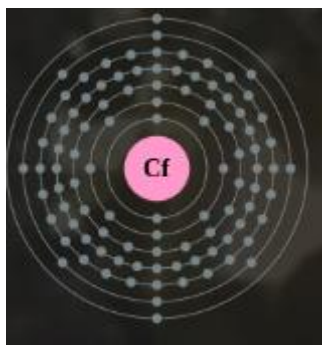
$[Rn] 5f^9 7s^2$

Cube

Cf

98

Californium



2, 8, 18, 32, 28, 8, 2

$[Rn] 5f^{10} 7s^2$

Cube

Es

99

Einsteinium



2, 8, 18, 32, 29, 8, 2

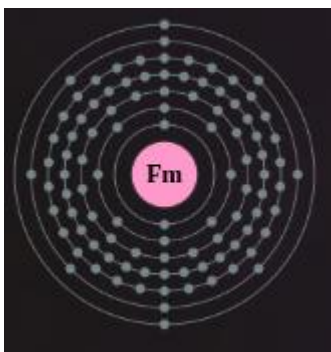
$[Rn] 5f^{11} 7s^2$

Cube

Fm

100

Fermium



2, 8, 18, 32, 30, 8, 2

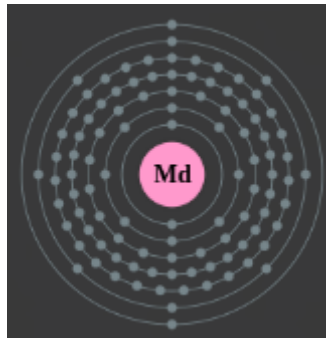
Elektronenkonf.
[Rn] 5f¹² 7s²

Cube

Md

101

Mendelevium



2, 8, 18, 32, 31, 8, 2

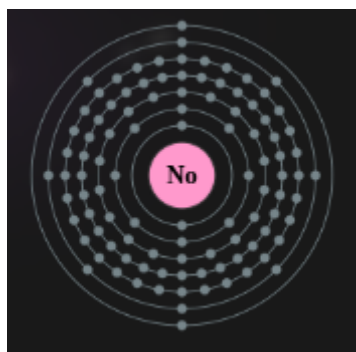
$[Rn] 5f^{13} 7s^2$

Cube

No

102

Nobelium



2, 8, 18, 32, 32, 8, 2

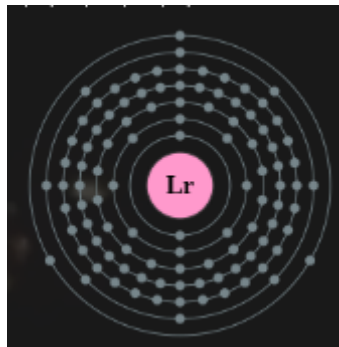
$[Rn] 5f^{14} 7s^2$

Cube

Lr

103

Lawrencium



2, 8, 18, 32, 32, 9, 2

$[Rn] 5f^{14} 6d^1 7s^2$

Cube

Rf

104

Rutherfordium



2, 8, 18, 32, 32, 10, 2

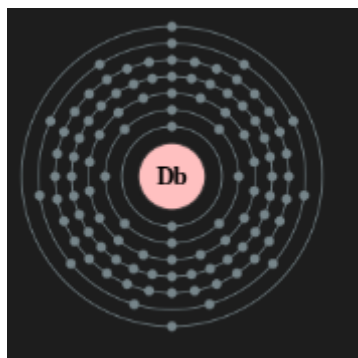
$[Rn] 5f^{14} 6d^2 7s^2$

Cube

Db

105

Dubnium



2, 8, 18, 32, 32, 11, 2

$[Rn] 5f^{14} 6d^3 7s^2$

Cube

Sg

106

Seaborgium



2, 8, 18, 32, 32, 12, 2

$[Rn] 5f^{14} 6d^4 7s^2$

Cube

Bh

107

Bohrium



2, 8, 18, 32, 32, 13, 2

$[Rn] 5f^{14} 6d^5 7s^2$

Cube

Hs

108

Hassium



2, 8, 18, 32, 32, 14, 2

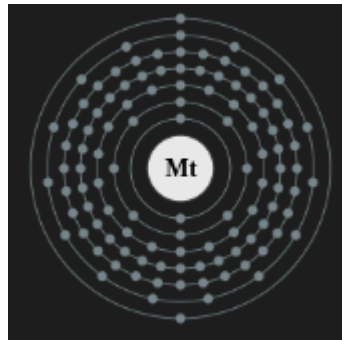
$[Rn] 5f^{14} 6d^6 7s^2$

Cube

Mt

109

Meitnerium



2, 8, 18, 32, 32, 15, 2

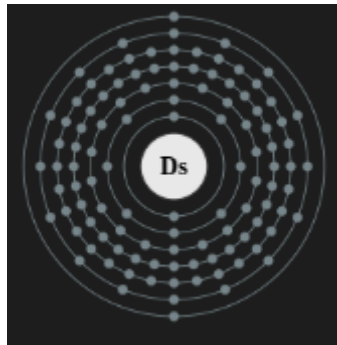
$[Rn] 5f^{14} 6d^7 7s^2$

Cube

Ds

110

Darmstadtium



2, 8, 18, 32, 32, 17, 1

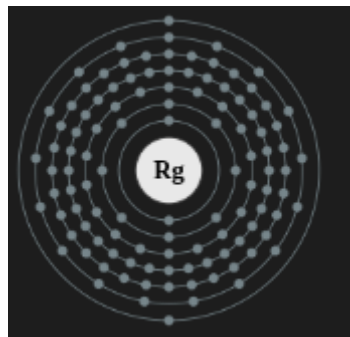
$[Rn] 7s^1 5f^{14} 6d^9$

Cube

Rg

111

Röntgenium



2, 8, 18, 32, 32, 18, 1

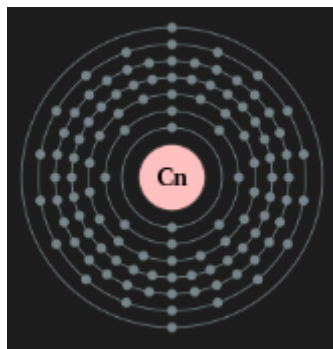
$[Rn] 5f^{14} 6d^{10} 7s^1$

Cube

Cn

112

Copernicium



2, 8, 18, 32, 32, 18, 2

[Rn] 5f¹⁴ 6d¹⁰ 7s²

Cube

Nh

113

Nihonium



2, 8, 18, 32, 32, 18, 3

$[Rn] 5f^{14} 6d^{10} 7s^2 7p^1$

Cube

Fl

114

Flerovium



2, 8, 18, 32, 32, 18, 4

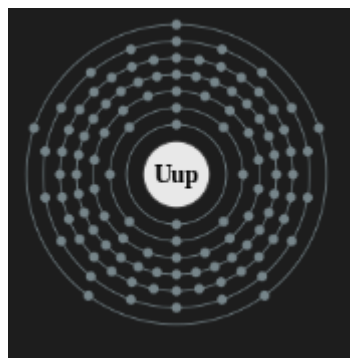
$[Rn] 5f^{14} 6d^{10} 7s^2 7p^2$

Cube

Mc

115

Moscovium



2, 8, 18, 32, 32, 18, 5

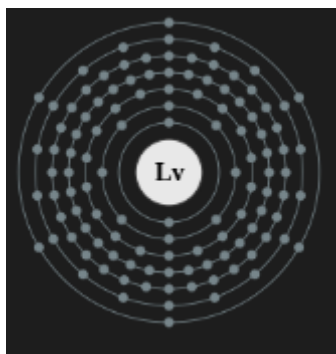
[Rn] 5f¹⁴ 6d¹⁰ 7s² 7p³

Cube

Lv

116

Livornium



2, 8, 18, 32, 32, 18, 6

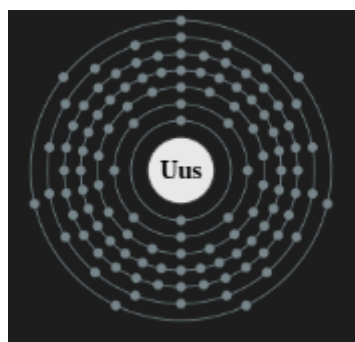
$[Rn] 5f^{14} 6d^{10} 7s^2 7p^4$

Cube

Ts

117

Tennesine



2, 8, 18, 32, 32, 18, 7

$[Rn] 5f^{14} 6d^{10} 7s^2 7p^5$

Cube

Og

118

Oganesson



2, 8, 18, 32, 32, 18, 8

$[Rn] 5f^{14} 6d^{10} 7s^2 7p^6$

Cube

Cube

Cube

Cube