

Identifying groups and periods.

Name:

Class:

Periodic table of the elements

3. In the periodic table below, select all elements in Group 1

Periodic table of the elements

period

group

1*

18

1 H 2 He

2 Li Be 3 B 4 C 5 N 6 O 7 F 8 Ne

3 Na Mg 11 Al 12 Si 13 P 14 S 15 Cl 16 Ar

4 K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn 19 Ga 20 Ge 21 As 22 Se 23 Br 24 Kr

5 Rb Sr Y Zr Nb Mo Tc Ru Rh Pd Ag Cd 37 In 38 Sn 39 Sb 40 Te 41 I 42 Xe

6 Cs Ba La Hf Ta W Re Os Ir Pt Au Hg Tl Pb Bi Po At Rn

7 Fr Ra Ac Rf Db Sg Bh Hs Mt Ds Rg Cn Nh Fl Mc Lv Ts Og

Alkali metals

Alkaline-earth metals

Transition metals

Other metals

Other nonmetals

Halogens

Noble gases

Rare-earth elements (21, 39, 57-71) and lanthanoid elements (57-71 only)

Actinoid elements

lanthanoid series

actinoid series

58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

4. In the periodic table below, select all elements in Group 2

Periodic table of the elements

period

group

1*

18

2

He

1

H

2

3

Li

4

Be

5

B

6

C

7

N

8

O

9

F

10

Ne

11

Na

12

Mg

13

Al

14

Si

15

P

16

S

17

Cl

18

Ar

19

K

20

Ca

21

Sc

22

Ti

23

V

24

Cr

25

Mn

26

Fe

27

Co

28

Ni

29

Cu

30

Zn

31

Ga

32

Ge

33

As

34

Se

35

Br

36

Kr

37

Rb

38

Sr

39

Y

40

Zr

41

Nb

42

Mo

43

Tc

44

Ru

45

Rh

46

Pd

47

Ag

48

Cd

49

In

50

Sn

51

Sb

52

Te

53

I

54

Xe

55

Cs

56

Ba

57

La

58

Ce

59

Pr

60

Nd

61

Pm

62

Sm

63

Eu

64

Gd

65

Tb

66

Dy

67

Ho

68

Er

69

Tm

70

Yb

71

Lu

72

Hf

73

Ta

74

W

75

Re

76

Os

77

Ir

78

Pt

79

Au

80

Hg

81

Tl

82

Pb

83

Bi

84

Po

85

At

86

Rn

87

Fr

88

Ra

89

Ac

90

Th

91

Pa

92

U

93

Np

94

Pu

95

Am

96

Cm

97

Bk

98

Cf

99

Es

100

Fm

101

Md

102

No

103

Lr

104

Rf

105

Db

106

Sg

107

Bh

108

Hs

109

Mt

110

Ds

111

Rg

112

Cn

113

Nh

114

Fl

115

Mc

116

Lv

117

Ts

118

Og

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Alkaline-earth metals

Transition metals

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lanthanoid series

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