The Periodic Table

Most of the elements in the periodic table are

- A. metals
- B. metalloids
- C. gases
- D. nonmetals

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What is necessary for substances to burn?

- A. hydrogen
- B. oxygen
- C. helium
- D. carbon

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- A. The atomic number
- B. The color of the chemical symbol
- C. The atomic mass
- D. The element name

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- A. density
- B. melting point
- C. appearance
- D. increasing atomic mass

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How do the physical and chemical properties of the elements change?

- A. Within a group
- B. Across each period
- C. Within a family
- D. Across each group

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The horizontal row on the periodic table is called a(n)

- A. group
- B. family
- C. period
- D. atomic number

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Transition metals are

- A. Good conductors of thermal energy
- B. More reactive than alkali metals
- C. Not good conductors of electrical current
- D. Used to make aluminum

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The vertical column of elements on the periodic table is called a(n)

- A. period
- B. semiconductor
- C. atomic mass
- D. group

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Mendeleev found that the properties of the known elements followed a pattern that repeated every

- A. 7 elements
- B. 5 elements
- C. 14 elements
- D. 10 elements

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These metals react with water to form hydrogen

- A. alkali metals
- B. aluminum
- C. halogens
- D. argon

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Light bulbs last longer when they are filled with this gas

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This metal, part of the Boron Group, is used for aircraft parts.

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- C. aluminum
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This is important to most living things

- A. calcium
- B. oxygen
- C. hydrogen
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Diamond and soot are forms of this

- A. lanthanides
- B. nitrogen
- C. aluminum
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Cement and chalk are compounds of this.

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- B. hydrogen
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This is a colorless, odorless gas

- A. nitrogen
- B. halogen
- C. hydrogen
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Some of these reactive metals are used to make steel.

- A. aluminum
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- C. argon
- D. alkali metals

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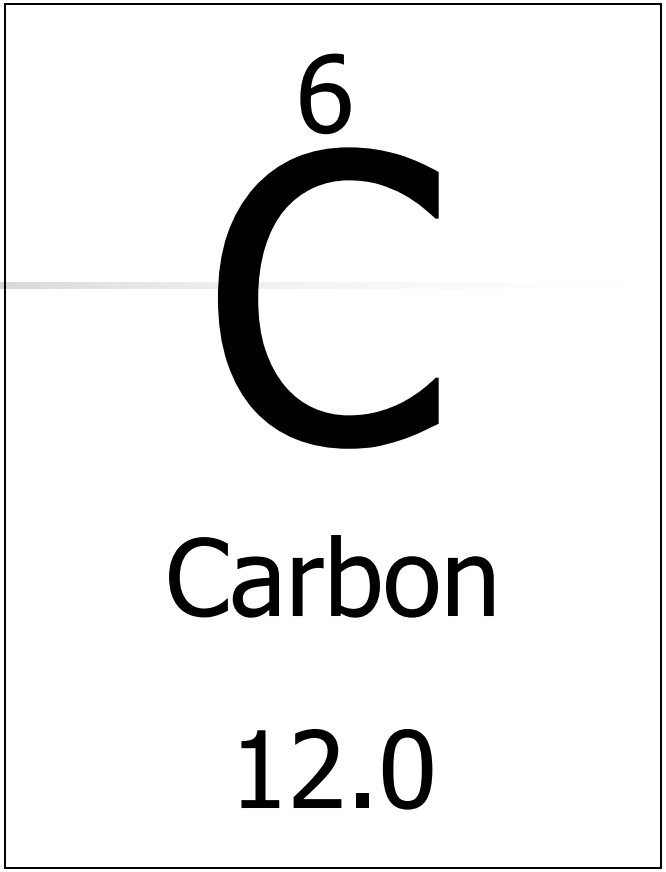
The number beneath carbon indicates the

- A. Atomic number
- B. Atomic mass
- C. Chemical symbol
- D. Element name



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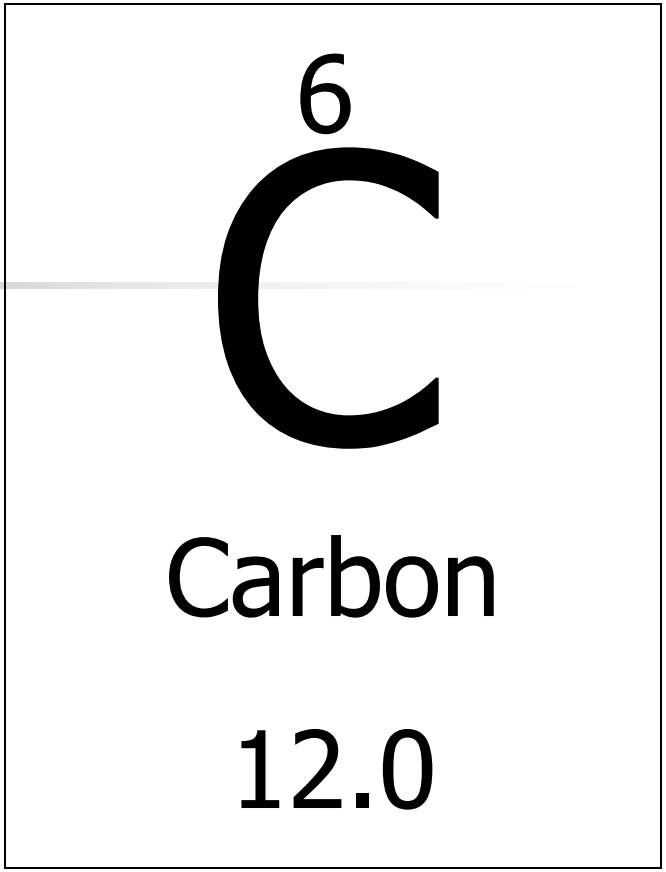
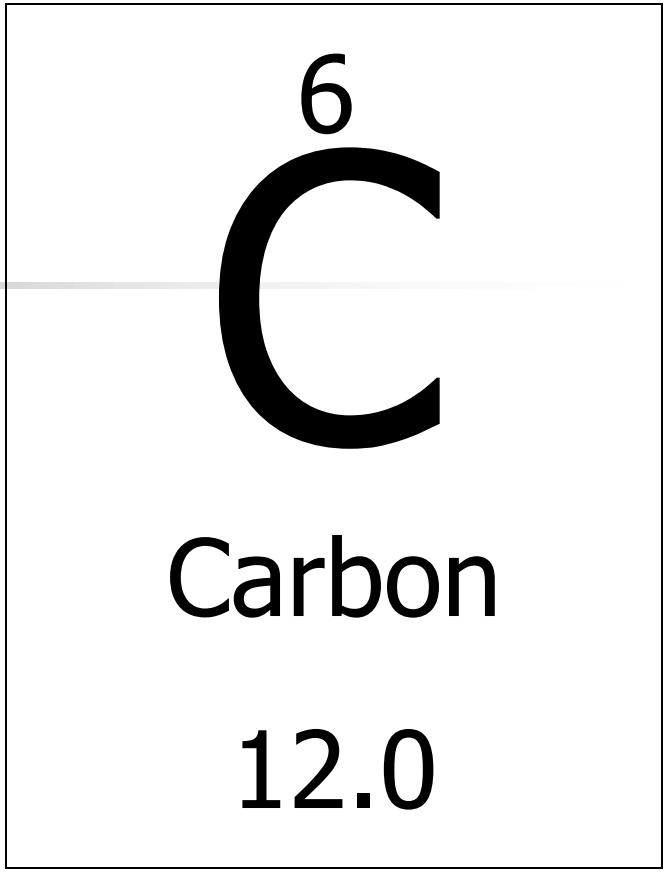


The number at the top is the

- A. Atomic number
- B. Element name
- C. Atomic mass
- D. Chemical symbol



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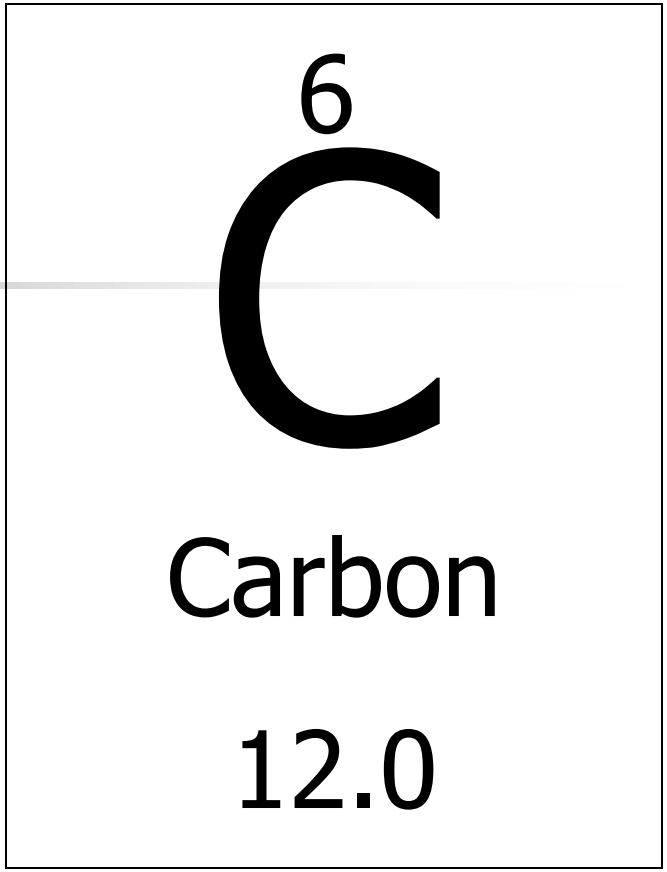
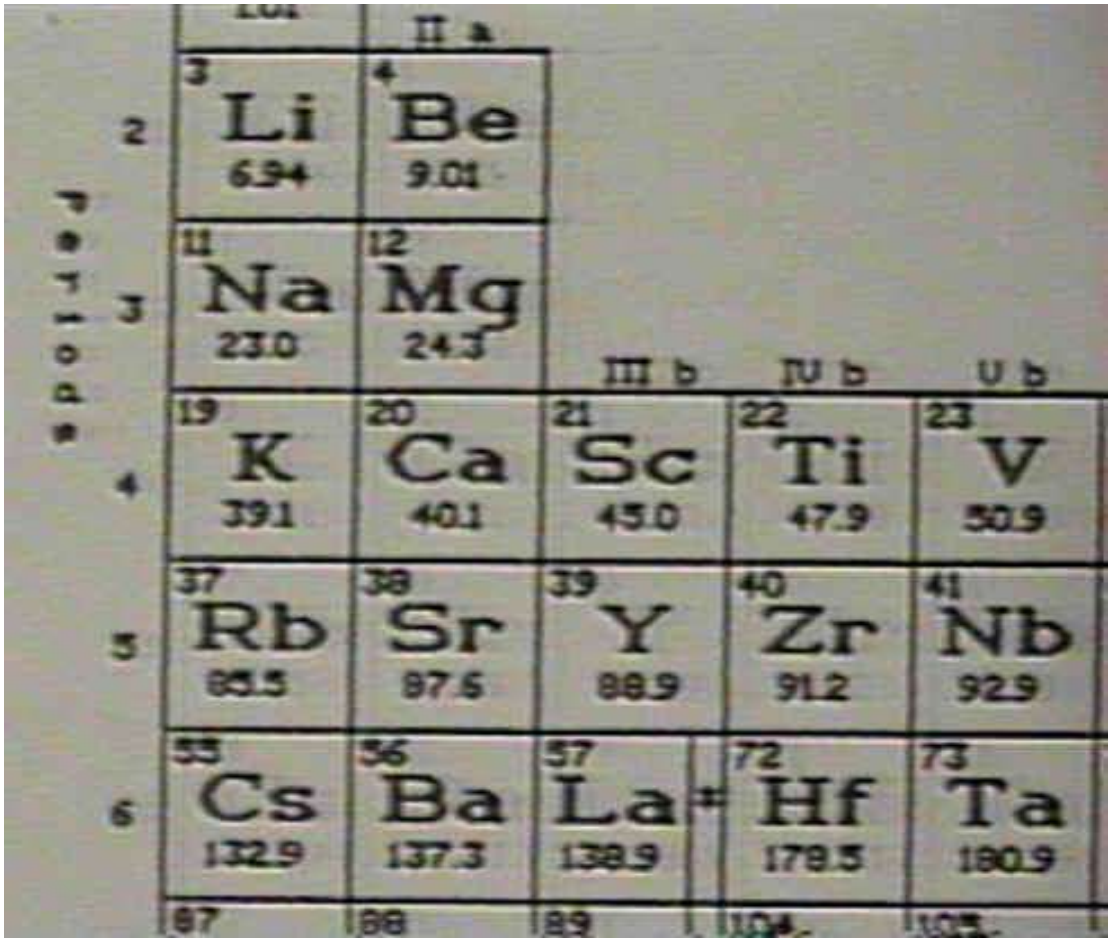
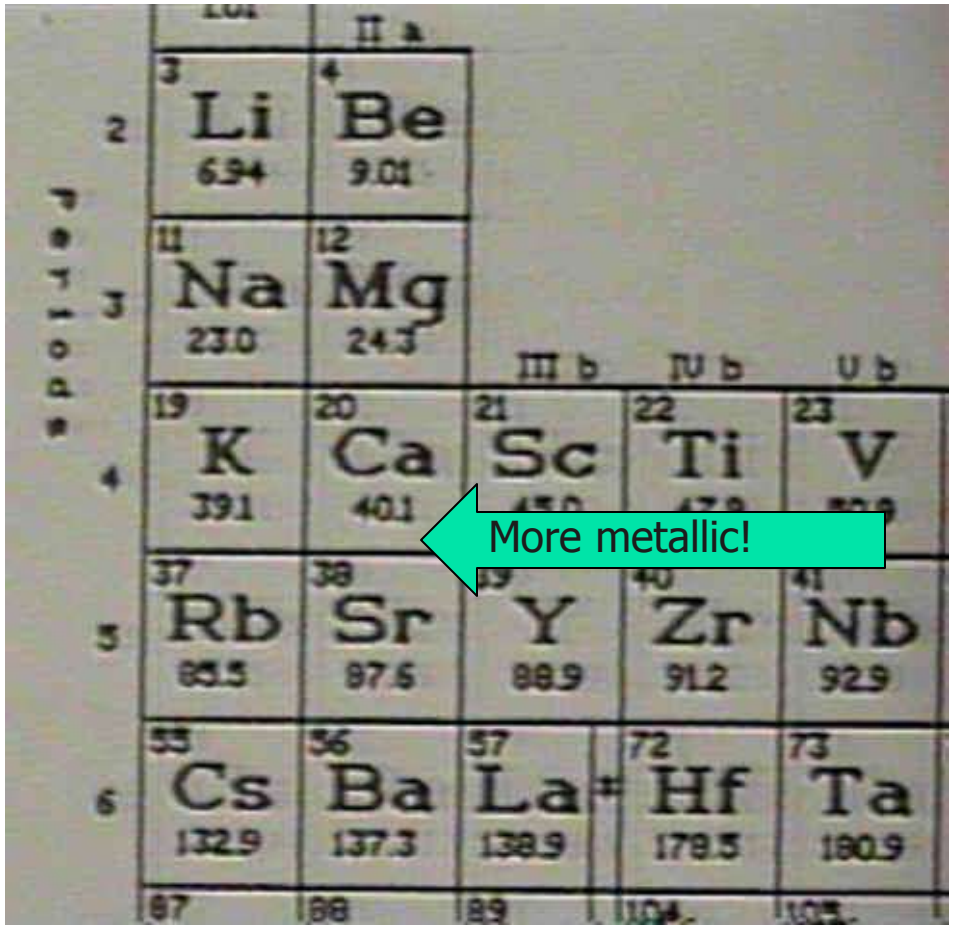


Which element is more metallic, calcium (Ca) or vanadium (V)?

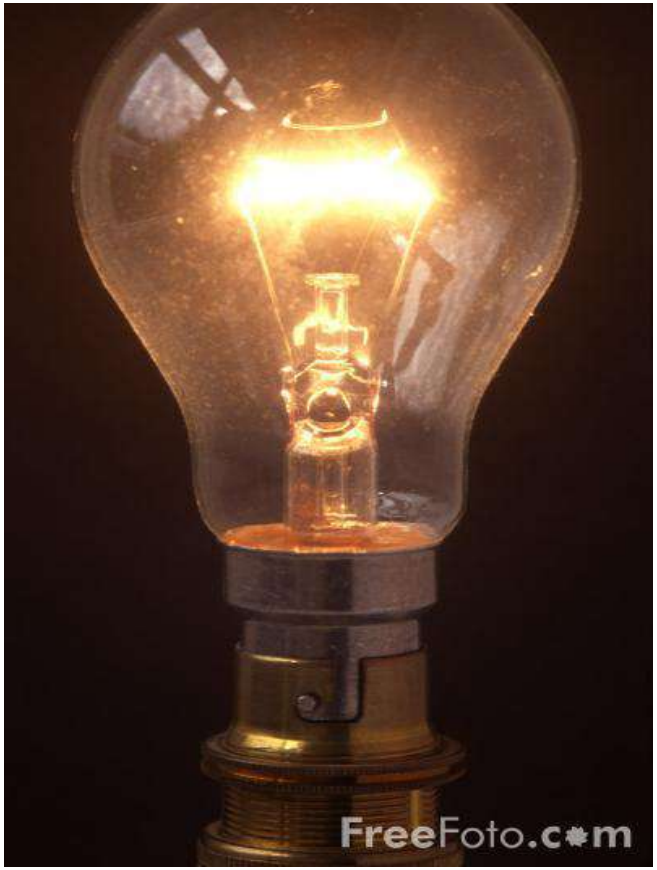


Calcium (Ca) is more metallic than vanadium (V) because it is farther to the left of the table.



Which vocabulary word?

Argon makes light bulbs last longer.



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