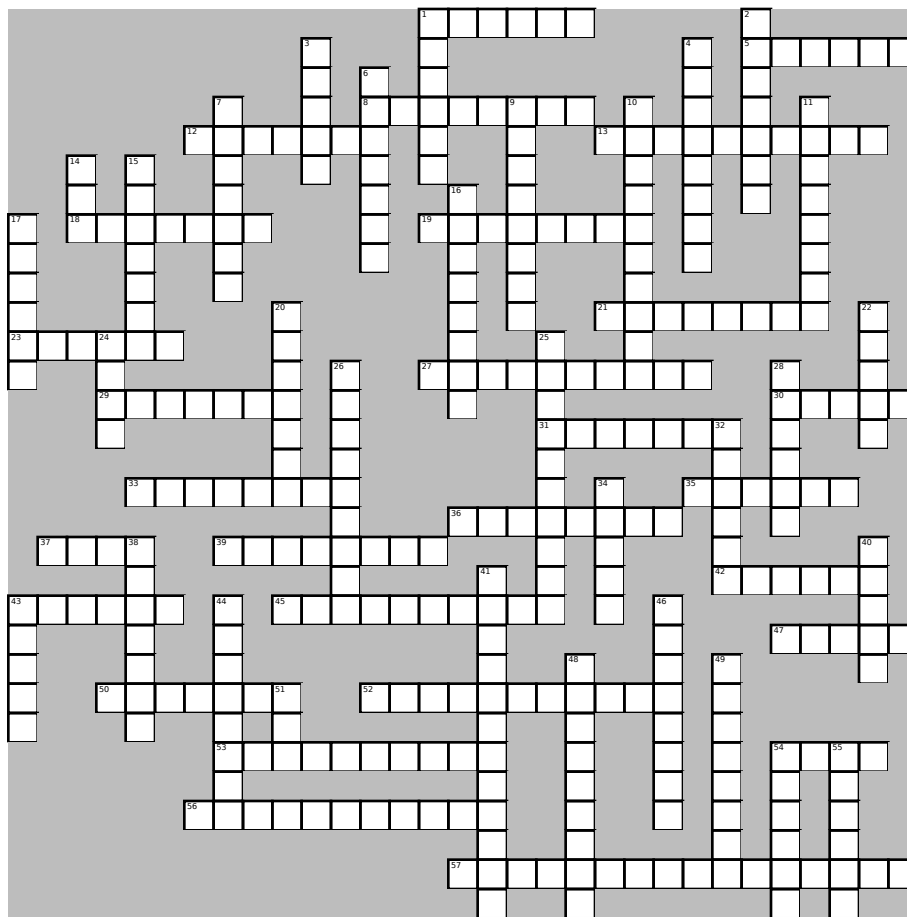


The Periodic Table of the Elements

D Wright - Physical Science



Across

- 1 Element with an atomic mass of 12.011
- 5 Group 1 or 1A are called the _____ metals.
- 8 Which is the more reactive metal, rubidium or magnesium?
- 12 The only metal that is a liquid at room temperature.
- 13 Copper is an example of a _____ metal.
- 18 This metalloid is important to the electronics industry.
- 19 The most reactive nonmetal.
- 21 This nonmetal is the most common element in the Earth's atmosphere.
- 23 The most abundant element in the Earth's crust.
- 27 Oderless, colorless and nonreactive. (2 words)
- 29 Used in the rechargeable batteries.
- 30 Nobel gases have a full _____ energy level.
- 31 This metalloid has been used in poisons and insecticides.
- 33 These elements have 7 valence electrons.
- 35 The columns are referred to as _____.
- 36 Group 17 or 7A are called the _____.
- 37 Used with carbon to make steel.
- 39 The most abundant metal in the Earth's crust.
- 42 Five cents.
- 43 Does selenium have more in common with sulfur or bromine?
- 45 The ancient Greek who first proposed the existance of atoms.
- 47 How many metalloids are listed on the periodic table?
- 50 The rare earth elements are placed below the periodic table to make the table more _____.
- 52 As you move from left to right across the periodic table the _____ gets smaller. (2 words)
- 53 As you move from left to right across the periodic table the _____ energy of the atom will increase.
- 54 Las Vegas uses this inert gas a lot to make brightly lit signs.
- 56 Named after the creator of the periodic table.
- 57 First to invent a usable periodic table of the elements. (2 words)

Down

- 1 Except for water most of the compounds in your body contain this element.
- 2 This element has the same number of valence electrons as magnesium and beryllium.
- 3 Atoms in the same _____ have the same number of valence electrons.
- 4 The most reactive metal.
- 6 Superman might avoid this one.
- 7 The horizontal rows are referred to as _____.
- 9 Atoms that have the same number of protons but different number of neutrons.
- 10 Elements in the same group have similar _____.
- 11 This family contains two elements often found in plant fertilizers.
- 14 Most nonmetals are either a solid or _____ at room temperature.
- 15 The electrons in the outer energy level of an atom.
- 16 Subatomic particle with a negative charge.
- 17 Subatomic particle with a positive charge.
- 20 The only nonmetal which is a liquid at room temperature.
- 22 Differences in reactivity among the alkaline earth metals are shown by ways they react with water.
- 24 Most people put great value in this transition metal.
- 25 These elements have characteristics of metals and nonmetals.
- 26 Has 19 protons
- 28 The symbol for this element is Na.
- 32 This family contains the element upon which all life on Earth is based.
- 34 Most elements are some type of _____.
- 38 Subatomic particle with a neutral charge
- 40 How many periods does the periodic table have?
- 41 This number tells you how many protons are in one atom of an element. (2 words)
- 43 Almost all metals are _____ at room temperature.
- 44 Group 2 or 2A are called the _____ metals.
- 46 Means "a repeatable pattern".
- 48 Uranium is an example of a _____ element. (2 words)
- 49 The element with the the smallest atom, yet the most abundant element in the universe.
- 51 The symbol for this element is Sn.
- 54 On the periodic table elements are arranged by increasing atomic _____.
- 55 Family with a member which is important for respiration and another for producing compounds which are real stinky.