

Chemistry

What are the names for the symbols of the chemical elements and compounds in the table below? Complete the 'name' column and connect each substance to the notes which refer to it.

	Symbol	Name	Notes
1.	Na		(a) acid found in the gastric juices which helps the maceration of food
2.	Ca		(b) acid which forms cyanide
3.	Pb		(c) main alkaloid substance found in tobacco
4.	Ti		(d) used as a contrast when taking X-ray photographs of soft tissue
5.	Ba		(e) the basic substance in salt
6.	Zn		(f) metallic element which is the basis of a radioactive isotope used to treat cancer
7.	Fe		(g) colourless gas with a sweet smell, used in combination with other gases as an anaesthetic in dentistry and surgery
8.	Co		(h) colourless gas which is present in air and essential to human life
9.	Cl		(i) one of the common non-metallic elements which is an essential component of living matter and organic chemical compounds
10.	He		(j) an essential part of the red pigment in red blood cells, found in liver and eggs
11.	S		(k) gas which combines with oxygen to form, water
12.	Au		(l) heavy soft metallic element which is poisonous in compounds
13.	O		(m) very light gas used in combination with oxygen, especially to relieve asthma or sickness caused by decompression
14.	H		(n) light metallic element which does not corrode
15.	HCl		(o) gas which is the main component of air and an essential part of protein
16.	N		(p) metallic element which is the major component of bones and teeth
17.	HCN		(q) powerful greenish gas used to sterilize water
18.	C		(r) soft yellow-coloured poisonous metal used as a compound in various drugs and sometimes as a filling for teeth
19.	N ₂ O		(s) white metallic trace element
20.	C ₁₀ H ₁₄ N ₂		(t) yellow non-metallic element found in some amino acids

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