

Elements and Compounds

¹ I	O	² N	I	³ C							⁴ P				⁵ N			
		A		O							E				E			
				⁶ M	G						⁷ U	R	A	N	I	U	M	
				P			⁸ E		⁹ Z			I				T		
			¹⁰ C	O	V	A	L	E	N	¹¹ T		O				R		
		¹² H		U			E			W		D				O		
	¹³ N	E	O	N			¹⁴ C	H	L	O	R	I	D	¹⁵ E		N		
¹⁶ C				D			T				C		I					
¹⁷ A	U						¹⁸ P	R	O	¹⁹ T	O	N		²⁰ H	G			
R							O		I					H				
²¹ B	I	C	A	R	B	O	N	A	T	E			²² A	T	O	²³ M	I	²⁴ C
O									A				G			A		L
²⁵ N	O	B	L	E						N						S		
A										I						S		
T							²⁶ F			U								
E							²⁷ E	L	E	M	E	N	T					

Across

- Type of compound where electrons are gained or lost.[5]
- Symbol of magnesium.[2]
- A radioactive metal.[7]
- Type of compound where electrons are shared between bonded atoms.[8]
- Noble or inert gas used in street signs.[4]
- Common salt is sodium ____.[8]
- Symbol of gold.[2]
- Positively charged particle of an atom.[6]
- Symbol of mercury.[2]
- Ion containing atoms of hydrogen, carbon and oxygen.[11]
- Number of protons in an atom is its ____ number.[6]
- Inert gases are called ____ gases.[5]
- Pure substance containing one type of atom.[7]

Down

- Symbol of sodium.[2]
- Pure substance with different types of atoms.[8]
- ____ Table of Elements.[8]
- Particle with no charge in nucleus of atom.[7]
- Negatively charged particle of an atom.[8]
- Symbol of zinc.[2]
- Maximum number of electrons in first electron level.[3]
- Symbol of helium.[2]
- Maximum number of electrons in second electron level.[5]
- Cement is calcium ____.[9]
- Ti is the symbol for this metal.[8]
- Symbol of silver.[2]
- Number of protons and neutrons in an atom is its ____ number.[4]
- Symbol of chlorine.[2]
- Symbol of iron.[2]