

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			
								O		I					H			
²¹ B	I	C	A	R	B	O	N	A	T	E			²² A	T	O	²³ M	I	²⁴ C
									A					G		A		L
²⁵ N	O	B	L	E						N							S	
										I							S	
							²⁶ F			U								
							²⁷ E	L	E	M	E	N	T					

Across

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

Down

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