



# ATOMS & IONS 1

Atom / ion	Atomic number	Mass number	Number of protons	Number of neutrons	Number of electrons
$^{14}\text{N}$					
$^{31}\text{P}$					
	3	7			
	10			10	
		40	20		
		40		22	
			4	5	
	82			126	
	35			44	
	35			46	
$^{23}\text{Na}^+$					
$^{16}\text{O}$					
$^{16}\text{O}^{2-}$					
	17	35			18
	19			20	19
	19			20	18
			20	20	18
	1			0	0
	53			74	54
		14		7	10