

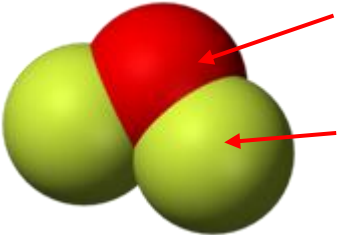
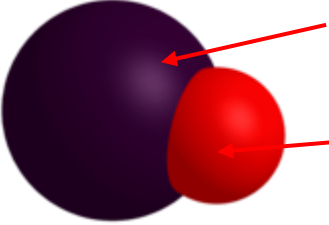
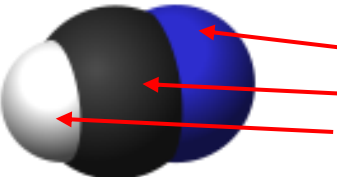
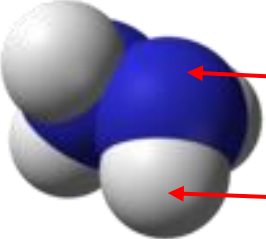
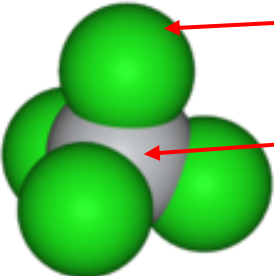
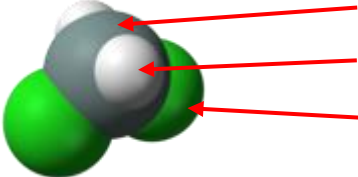
What element is that?

Using the periodic table

Use the periodic table to identify the elements in the compound

<p>Hint – the size of the atoms decreases as we move across the table but increases as we move down the table</p>																							
1 1.008 H Hydrogen Nonmetal																	2 4.0026 He Helium Noble Gas						
3 7.0 Li Lithium Alkali Metal	4 9.012182 Be Beryllium Alkaline Earth Metal																	5 10.81 B Boron Metalloid	6 12.011 C Carbon Nonmetal	7 14.007 N Nitrogen Nonmetal	8 15.999 O Oxygen Nonmetal	9 18.99840324 F Fluorine Halogen	10 20.180 Ne Neon Noble Gas
11 22.98976928 Na Sodium Alkali Metal	12 24.305 Mg Magnesium Alkaline Earth Metal																	13 26.981538 Al Aluminum Post-Transition Metal	14 28.0855 Si Silicon Metalloid	15 30.973762 P Phosphorus Nonmetal	16 32.07 S Sulfur Nonmetal	17 35.45 Cl Chlorine Halogen	18 39.9 Ar Argon Noble Gas
19 39.0983 K Potassium Alkali Metal	20 40.08 Ca Calcium Alkaline Earth Metal	21 44.95591 Sc Scandium Transition Metal	22 47.867 Ti Titanium Transition Metal	23 50.9415 V Vanadium Transition Metal	24 51.996 Cr Chromium Transition Metal	25 54.93804 Mn Manganese Transition Metal	26 55.845 Fe Iron Transition Metal	27 58.93319 Co Cobalt Transition Metal	28 58.93319 Ni Nickel Transition Metal	29 63.546 Cu Copper Transition Metal	30 65.4 Zn Zinc Transition Metal	31 69.723 Ga Gallium Post-Transition Metal	32 72.63 Ge Germanium Metalloid	33 74.92159 As Arsenic Metalloid	34 78.97 Se Selenium Nonmetal	35 79.90 Br Bromine Halogen	36 83.80 Kr Krypton Noble Gas						
37 85.468 Rb Rubidium Alkali Metal	38 87.62 Sr Strontium Alkaline Earth Metal	39 88.90584 Y Yttrium Transition Metal	40 91.224 Zr Zirconium Transition Metal	41 92.90637 Nb Niobium Transition Metal	42 95.95 Mo Molybdenum Transition Metal	43 98.90636 Tc Technetium Transition Metal	44 101.07 Ru Ruthenium Transition Metal	45 102.90550 Rh Rhodium Transition Metal	46 106.42 Pd Palladium Transition Metal	47 107.8682 Ag Silver Transition Metal	48 132.91 Cd Cadmium Transition Metal	49 114.818 In Indium Post-Transition Metal	50 118.710 Sn Tin Post-Transition Metal	51 121.760 Sb Antimony Metalloid	52 127.6 Te Tellurium Metalloid	53 126.90447 I Iodine Halogen	54 131.29 Xe Xenon Noble Gas						
55 132.90545 Cs Cesium Alkali Metal	56 137.327 Ba Barium Alkaline Earth Metal																	81 204.383 Tl Thallium Post-Transition Metal	82 207.2 Pb Lead Post-Transition Metal	83 208.98040 Bi Bismuth Metalloid	84 208.98040 Po Polonium Metalloid	85 209 At Astatine Halogen	86 222.01758 Rn Radon Noble Gas
87 223.01973 Fr Francium Alkali Metal	88 226.0254 Ra Radium Alkaline Earth Metal	104 261.102 Rf Rutherfordium Transition Metal	105 262.103 Db Dubnium Transition Metal	106 263.103 Sg Seaborgium Transition Metal	107 263.103 Bh Bohrium Transition Metal	108 263.103 Hs Hassium Transition Metal	109 263.103 Mt Meitnerium Transition Metal	110 263.103 Ds Darmstadtium Transition Metal	111 263.103 Rg Roentgenium Transition Metal	112 263.103 Cn Copernicium Transition Metal	113 263.103 Nh Nihonium Post-Transition Metal	114 263.103 Fl Flerovium Post-Transition Metal	115 263.103 Mc Moscovium Post-Transition Metal	116 263.103 Lv Livermorium Post-Transition Metal	117 263.103 Ts Tennessine Halogen	118 263.103 Og Oganesson Noble Gas							

Elements forming the smallest particle of the compound	Chemical formula
	SeOCl ₂
	HCl ₃ Si
	SeO ₂ F ₂
	H ₂ S

 <p>_____</p> <p>_____</p>	<p>OF₂</p>
 <p>_____</p> <p>_____</p>	<p>BrO</p>
 <p>_____</p> <p>_____</p> <p>_____</p>	<p>HCN</p>
 <p>_____</p> <p>_____</p>	<p>N₂H₂</p>
 <p>_____</p> <p>_____</p>	<p>TiCl₄</p>
 <p>_____</p> <p>_____</p> <p>_____</p>	<p>H₂SiCl₂</p>