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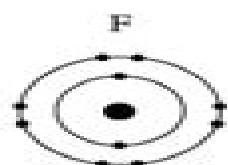
1 How many electrons are present in the following elements?

- a Carbon ____ b Chlorine ____ c Indium ____ d Calcium ____
e Tungsten ____ f Antimony ____ g Titanium ____ h Tin ____

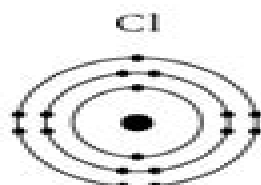
2 Using the periodic table, determine the number of valance electrons for the elements listed below.

- a Copper ____ b Xenon ____ c Hydrogen ____ d Aluminum ____
e Barium ____ f Iodine ____ g Carbon ____ h Phosphorous ____

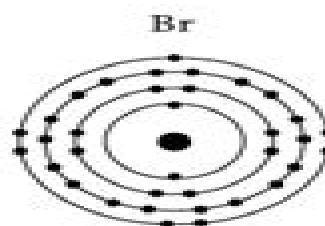
3 Circle the valence electrons only. What is the atomic number?



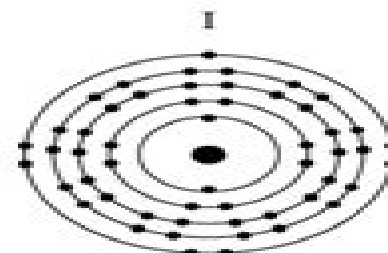
Atomic number(Z) =



Atomic number(Z) =



Atomic number(Z) =



Atomic number(Z) =

4 Fill in the table with correct values.

Element	Ion symbol	Number of Protons	Number of electrons	Charge	Ion type
Fluorine	F ⁻			-1	Anion
		53	54		
		16		-2	
Potassium				+1	
Calcium					

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