

The oxidation number of central metal atom in  $\text{NiCO}_4$  is  
0

Hydrogen can attain the electronic configuration of the noble gas by \_\_\_\_\_.  
By sharing its electron or accepting a part of an electron from an atom

Which of these compounds is white in colour?  
 $\text{Hg}_2\text{Cl}_2$

Lanthanides and actinides are also called \_\_\_\_\_.  
Inner transition elements

The transition metal with outer electronic configuration  $3d^7 4s^2$  is  
cobalt

The location of transition elements is in between  
S and P block elements

The failure of the third-row metallic radii to increase as expected is as a result of  
lanthanide contraction

The group IA elements are highly electropositive because \_\_\_\_\_.  
their S electron is very well shielded by the inner electrons

Which of the following ions does NOT form coloured solutions?  
 $\text{Cu}^+$

Which of the following properties is NOT a characteristic of transition metal ions?  
variable oxidation states

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