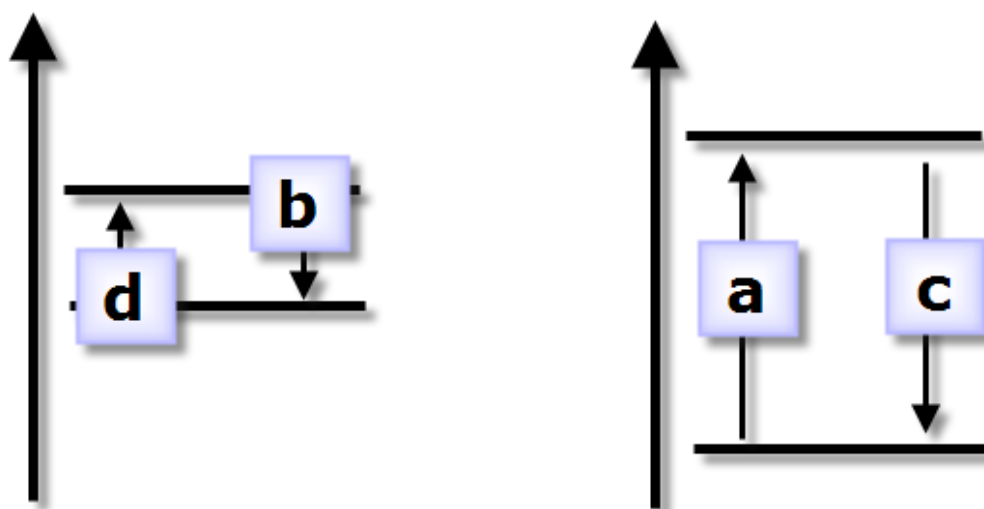
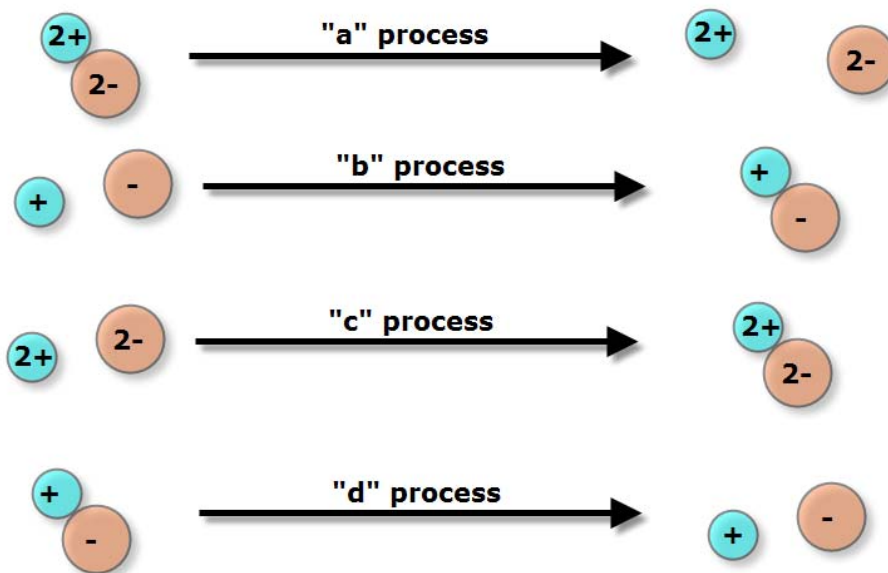


**Ionic Bonding: Energy considerations
SOLUTIONS**

Take a look at the following four processes ("a", "b", "c", "d") and relate them to the arrows in the energy diagrams and determine if the system gains or loses energy in those processes:



In this process...	... the system gains / loses energy	... the surroundings gain / lose energy
"a" process	GAINS	LOSE
"b" process	LOSES	GAIN
"c" process	LOSES	GAIN
"d" process	GAINS	LOSE