


Response Report


Session: Ionic Bonds


Class: per7


Class Points Avg: 59.62 out of 100.00 (59.62%)


(Includes only students who took assessment)

1	The two types of bonds between atoms are ionic and covalent. Ionic bonds _____ and Covalent bonds _____.		
A	32%	share electrons, transfer electrons	
B	8%	both share electrons, just in a different way.	
C	8%	both transfer electrons, just in a different way.	
 D	52%	transfer electrons, share electrons	

2	When atoms have fewer than _____ valence electrons, they can transfer these to other atoms that have more than _____.		
A	8%	5, 5	
 B	40%	4, 4	
C	40%	5, 4	
D	12%	4, 5	

3	Atoms that are electrically charged are _____.		
 A	69%	ions	
B	8%	ionic bonds	
C	12%	electrons	
D	12%	covalent	

4	When an ionic bond occurs, there is an attraction between atoms which are _____.		
A	4%	electrically neutral	
B	19%	ionically similar	
 C	69%	oppositely charged	
D	8%	similarly charged	

5	If you wanted to make a chemical bond between Potassium and a phosphate ion, what would be the formula? (p159)		
A	12%	K(PO4)3	
 B	31%	K3PO4	
C	31%	KPO4	
D	25%	K2PO4	


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6 To make Aluminum and a nitrate ion form a compound, what would be the formula? (p159)			
A	50%	Al ₃ NO ₃	
B	31%	Al ₂ NO ₃	
 C	12%	Al(NO ₃) ₃	
D	8%	Al ₂ (NO ₃) ₂	

7 CO ₃ ²⁻ & O ₂ ⁻ & PO ₄ ³⁻ are all examples of _____. (p159)			
A	4%	anions	
 B	81%	polyatomic ions	
C	4%	atomic ions	
D	12%	negative atoms	

8 The name of the _____ always comes first.			
A	8%	atom who's letter is closest to the beginning of the alphabet	
B	8%	the negative ion	
 C	69%	the positive ion	
D	15%	the nonmetal	

9 If the negative ion in a compound is an element, the name of the compound ends in _____.			
A	42%	"ate"	
 B	58%	"ide"	

10 If the negative ion in a compound is polyatomic, the name of the compound ends in _____.			
 A	85%	"ate"	
B	15%	"ide"	

11 All ionic compounds are good _____.			
A	4%	at melting & boiling	
B	4%	at malleability	
 C	88%	conductors	
D	4%	at ductility	


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12	In order to conduct electricity well, the ionic compound needs to be dissolved in strong acids.	
A	19%	True
 B	81%	False