Date:

ionic bonding : true or false?



Please read each statement carefully, and decide whether it is TRUE or FALSE. *Circle* your answer.

 A positive ion will be attracted to <i>any</i> negative ion. 	True / False
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2. A sodium ion is only bonded to the chloride ion it gave its electron to.

3. The reason a bond is formed between chloride ions and sodium ions is because an electron has been moved between them.

True / False

True / False

4. An ionic bond is the attraction between a positive ion and a negative ion.

True	1	False
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5. A positive ion can be bonded to any neighbouring negative ions, if it is close enough.

True / False

6. A negative ion can be attracted to any positive ion.

True / False

 It is not possible to point to where the ionic bonds are, unless you know which chloride ion accepted electrons from which sodium ions 				
	True	1	False	
8. A negative ion can only be attracted to one positive ion.	True	1	False	
9. In the diagram a sodium ion is attracted to one chloride ion by a bond	attra	icted to		
other chloride ions just by forces.	True	1	False	
 The reason a bond is formed between chloride ions and sodium io opposite charges. 	ons is be True	cau /	se they have False	
11. A positive ion can only be attracted to one negative ion.	True	1	False	
12. An ionic bond is when one atom donates an electron to another atom	n, so that	t the	ey both have	
full outer shells.	True	1	False	
13. There are no molecules shown in the diagram.	True	1	False	