Worksheet 11 Properties of ionic bonds Name (print)	NetID	-	Date:
Name (print)	NetID	Section	_ TA
Name (print)	NetID	-	
Name (print)  Objectives:  Be able to explain how ionic composes able to explain why different queliar able to explain the purposes for Be able to name and write the form	ounds are formed from a antities of ions combine i superscripts and subscri	combination of n different cor pts in chemica	npounds. I formulas.
<b>Instructions:</b> Get an envelope contain	ing the Yellow and Green	n cards.	
1. Sort the cards into two piles by color.	What are the common of	characteristics	of the cards in each pile?
2. Sort the cards into three piles by car pile?	d size. What are the com	ımon characteı	ristics of the cards in each
3. By now you've noticed that the cards a stable material, what does the total ch			combine these ions to make
4. Fill in the table on the next page for a	II of the possible combination	ations of positi	ve and negative ions.
5. What characteristics would all of these a)	e compounds have in cor	nmon?	
b)			
c)			
d)			
6. For each of the characteristics listed a	bove, what are the elect	rons doing to o	cause this behavior?
a)			
b)			
c)			
d)			

Name of + ion	Name of -ion	Symbol of +ion	# of +ion cards	Symbol of -ion	# of - ion cards	Chemical Formula	Sum of charges
Example:							
Sodium	Oxide	Na <sup>+</sup>	2	O <sup>2-</sup>	1	Na₂O	0
	1	1	l	1	l	l .	