

Section 13 Making Molecules General Science

Procedure:

1. Each Rectangle below represents an atom. Complete the required information about each atom: Number of outer electrons, What the atom “wants” to do when it reacts, and Resulting charge.

<u>Atom</u>	<u># Outer e-</u>	<u>Atom “Wants To...”</u>	<u>Resulting Charge</u>
Sodium			
Magnesium			
Oxygen			
Chlorine			

2. Cut out each atom
3. Put the atoms together to make the following molecules

<u>Molecule Name</u>	<u>Chemical Formula</u>
Sodium Chloride	
Magnesium Oxide	
Sodium Oxide	
Magnesium Chloride	

4. Write the correct chemical formula for each of the molecules above.
5. Email the information about each of the atoms (question 1) and chemical formulas for the 4 molecules above to your instructor.

Cl	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
Charge _____	

Cl	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
Charge _____	

Cl	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
Charge _____	

Na	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
Charge _____	

Na	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
Charge _____	

Na	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
Charge _____	

Mg	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
<input type="text"/>	Charge _____

Mg	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
<input type="text"/>	Charge _____

Mg	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
<input type="text"/>	Charge _____

O	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
<input type="text"/>	Charge _____

O	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
<input type="text"/>	Charge _____

O	
<input type="text"/>	# Outer e ⁻ _____
Wants to ... _____	
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