

Write the following aqueous reactions WS-1

Name: _____

1. $\text{MgCl}_{2(s)}$ dissolved in water

Symbolic Level:

Molecular Level:

2. HCl (liquid) dissolved in water

Symbolic level:

Molecular Level:

3: Aluminum Sulfate (solid) dissolved in water

Symbolic Level:

Molecular Level:

4: Sodium acetate (solid) dissolved in water

Symbolic Level:

Molecular Level:

5. Ammonium phosphate (solid) dissolved in water

Symbolic Level:

Molecular Level:

6. What is an electrolyte? Provide 2 examples not from the notes

7. What is the primary difference between an *ionic* and *molecular* solution?

8. State whether each of the following substances is expected to form an IONIC or MOLECULAR solution:

a) RbBr _(s)		c) CsNO _{3(s)}		e) S _{8(s)}		G) NaCH ₃ COO _(s)		i) HNO _{3(l)}	
b) CHCl _{3(l)}		d) CuSO _{4(s)}		f) CrCl _{3(s)}		H) ICl _(s)		j) CH _{4(g)}	