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2. Determine if precipitation occurs for each equation below. Use the table of solubility rules on the back page of this homework. (Please remove the table for use, and do not submit a printed copy back to me. I have plenty of solubility tables already, thanks.)

If a precipitation reaction occurs:

1. Complete the products with physical states (*s*, *l*, *aq*, *g*),
2. balance the equation, and
3. provide the net ionic equation below the balanced equation.

If no precipitant (insoluble chemical species) forms, the correct answer is simply "n.r." meaning that no reaction occurs.

