

1. barium nitrate with sulphuric acid

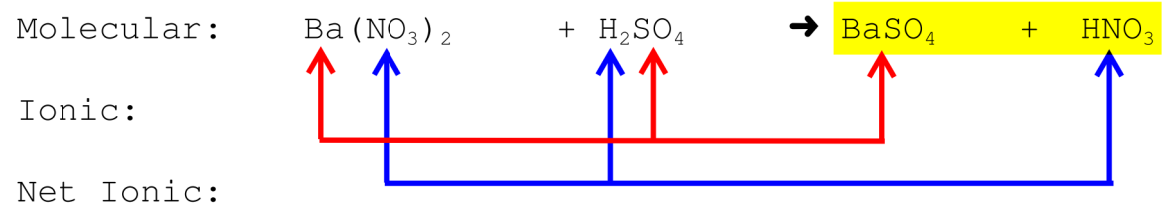
Molecular: $\text{Ba}(\text{NO}_3)_2 + \text{H}_2\text{SO}_4 \rightarrow$

Ionic:

Net Ionic:

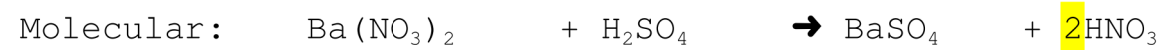
correct reactant formulas

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double displacement products

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Ionic:

Net Ionic:

balancing

1. barium nitrate with sulphuric acid



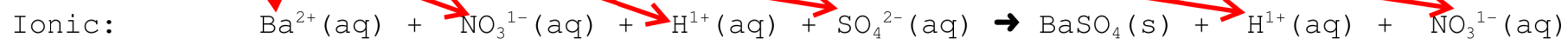
Ionic:

Net Ionic:

adding states

- see solubility rules
- soluble = (aq)
- insoluble = (s)

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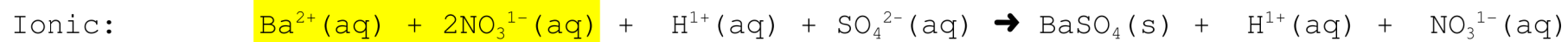
Net Ionic:

show ions

- soluble will break up into a cation and anion (nomenclature)
- insoluble remains together in solid state

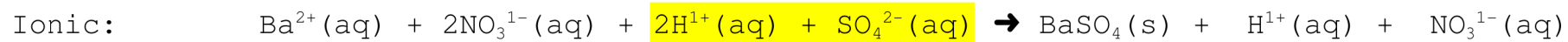
DO THIS BEFORE CONSIDERING BALANCING

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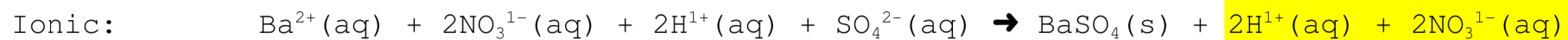
Net Ionic: **balance**

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Net Ionic: **balance**

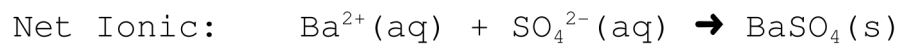
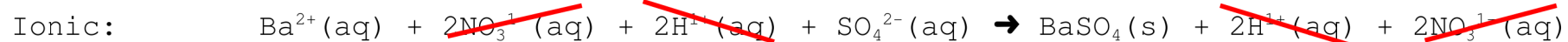
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Net Ionic:

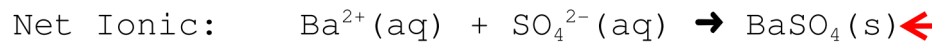
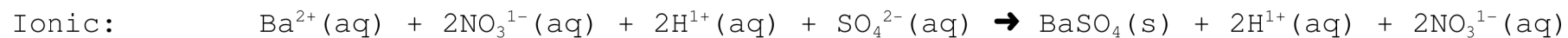
balance

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cancel out ions found on both side
write the leftovers

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therefore barium sulphate is the precipitate

the precipitate (ppte for short) is the solid