

WORKSHEET- MOLECULAR AND IONIC EQUATIONS

(Any soluble substance given below is in aqueous solution.)

Write molecular, total-ionic and net-ionic equations for the following:

1) Potassium phosphate and calcium nitrate.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

2) Barium chloride and sodium sulfate.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

3) Sodium acetate and potassium nitrate.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

4) Hydrochloric acid and potassium acetate

Molecular equation:

Total-ionic equation:

Net-ionic equation:

5) Barium nitrate and ammonium iodide

Molecular equation:

Total-ionic equation:

Net-ionic equation:

6) Potassium hydroxide and copper(II) nitrate.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

(next page)

7) Calcium iodide and potassium carbonate.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

8) Magnesium acetate and barium hydroxide

Molecular equation:

Total-ionic equation:

Net-ionic equation:

9) Ammonium bromide and sodium hydroxide.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

10) Sulfuric acid and potassium hydroxide.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

11) Calcium carbonate and hydrobromic acid.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

12) Ammonium bromide and barium acetate.

Molecular equation:

Total-ionic equation:

Net-ionic equation:

13) Barium hydroxide and ammonium bromide.

Molecular equation:

Total-ionic equation:

Net-ionic equation: