

## WORKSHEET – NET IONIC EQUATIONS

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

1. Aqueous solutions of potassium phosphate and calcium nitrate are mixed.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

2. Aqueous solutions of barium chloride and sodium sulfate are mixed.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

3. Magnesium is added to an aqueous solution of chromium (III) iodide.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

4. Silver hydroxide is added to an aqueous phosphoric acid solution.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

5. Aqueous solutions of sodium fluoride and hydrochloric acid are mixed.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

6. Aqueous solutions of potassium dichromate and ammonium cyanide are mixed.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

7. Cesium carbonate is added to an aqueous solution of chromium (II) acetate.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

8. Zinc is added to an aqueous hydrobromic acid solution.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_

9. Aqueous solutions of sulfurous acid and plumbous acetate are mixed.

ME \_\_\_\_\_

TIE \_\_\_\_\_

NIE \_\_\_\_\_