

FORMULAS WITH POLYATOMIC IONS

Name _____

Matching the horizontal and vertical axes, write the formulas of the compounds with the following combination of ions. The first one is done for you.

| | OH^- | NO_3^- | CO_3^{2-} | SO_4^{2-} | PO_4^{3-} |
|------------------|---------------------------------|-----------------|-------------------------|-------------------------|-------------------------|
| H^+ | HOH (H_2O) | HNO_3 | H_2CO_3 | H_2SO_4 | H_3PO_4 |
| Na^+ | | | | | |
| Mg^{+2} | | | | | |
| NH_4^+ | | | | | |
| Ca^{+2} | | | | | |
| K^+ | | | | | |
| Al^{+3} | | | | | |
| Pb^{+4} | | | | | |