NAME: **HONORS CHEMISTRY**

SECTION: Assigning Oxidation Numbers

Refer to your notes and to Table 18.1 in your textbook for the rules for assigning oxidation numbers.

What is the oxidation number of each element in the following?

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| 1. HCl | 1. KNO3 | 1. OH- |
| 1. Mg3N2 | 1. K2SO3 | 1. Zn(IO3)2 |
| 1. S8 | 1. H2O2 (a peroxide!) | 1. PbO |
| 1. NaHSO4 | 1. H3PO3 | 1. H3PO4 |
| 1. KMnO4 | 1. LiH | 1. OF2 |
| 1. SO3 | 1. NH3 | 1. CaCO3 |
| 1. O2 | 1. FeCl3 | 1. I2O5 |
| 1. IF5 | 1. MnO2 (not a peroxide!) | 1. ClO3- |