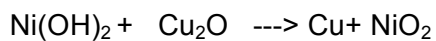


1. What is the oxidation number for Bromine in the bromite ion?
2. What is the oxidation number for Sulfur in the sulfite ion?
3. What is the oxidation number for oxygen in the nitrate ion?
4. What is the oxidation number for hydrogen in the bicarbonate ion? (also known as hydrogen carbonate)
5. What is the oxidation number for Chromium in the dichromate ion?

6. Balance the following redox reaction in base



7. (5 points) Balance the following reaction in acid:

