

Name _____

H. Chem, Period _____

Acid Nomenclature WS

Write the formula for each of the acids listed below:

1. Nitric acid	HNO_3 (aq)
2. Chloric acid	HClO_3 (aq)
3. Acetic acid	$\text{HC}_2\text{H}_3\text{O}_2$ (aq)
4. Hydrobromic acid	HBr (aq)
5. Sulfurous acid	H_2SO_3 (aq)
6. Chlorous acid	HClO_2 (aq)
7. Hydrochloric acid	HCl (aq)
8. Phosphoric acid	H_3PO_4 (aq)
9. Nitrous acid	HNO_2 (aq)
10. Hydrofluoric acid	HF (aq)
11. Perchloric acid	HClO_4 (aq)
12. Hydroiodic acid	HI (aq)
13. Phosphorous acid	H_3PO_3 (aq)
14. Carbonic acid	H_2CO_3 (aq)
15. Sulfuric acid	H_2SO_4 (aq)

Name each of the following acids:

16. HClO_4	Perchloric acid
17. H_3PO_4	Phosphoric acid
18. HCl (aq)	Hydrochloric acid
19. H_2SO_4	Sulfuric acid
20. HNO_2	Nitrous acid
21. HI (aq)	Hydroiodic acid
22. $\text{HC}_2\text{H}_3\text{O}_2$	Acetic acid
23. HF (aq)	Hydrofluoric acid
24. H_3PO_3	Phosphorous acid
25. HClO_3	Chloric acid
26. H_2CO_3	Carbonic acid
27. H_2SO_3	Sulfurous acid
28. HClO_2	Chlorous acid
29. HNO_3	Nitric acid
30. HBr (aq)	Hydrobromic acid