Use with textbook pages 225–226.

Names of acids

- An acid will have the suffix "-ic acid" at the end of its name when the negative ion has a suffix _____. For example, "hydrogen carbonate (H₂CO₃)" is called "carbonic acid".
- 2. An acid will have the suffix "-ous acid" at the end of its name when the negative ion has a suffix _____. For example, "hydrogen sulphite (H₂SO₃)" is called "sulphurous acid."
- 3. What is the name of each of the following acids?
- - (a) hydriodic acid _____
 - (b) sulphuric acid _____
 - (c) perchloric acid _____
 - (d) nitrous acid _____
 - (e) chloric acid _____
 - (f) hydrobromic acid _____
 - (g) phosphorous acid _____
 - (h) hypochlorous acid _____

Use with textbook pages 220–229.

Acids versus bases

1. Compare and contrast acids and bases by completing the following table.

	Acids	Bases
definition		
рН		
what to look for in chemical formula		
production of ions		
electrical conductivity		
taste		
touch		
examples		

2. Classify each of the following as an acid or a base.

