

What is an acid?

Lesson Review

Complete the following.

1. Acids can cause _____ to the skin.
2. Acids are sometimes called _____ donors.
3. An acid can react with a metal to release _____ gas.
4. Acids can react with certain chemicals to produce predictable _____ changes.
5. An acid gives a substance a _____ taste.
6. A hydrogen ion is the same as a _____.
7. Hydrogen _____ give acid its familiar taste.
8. When an acid is dissolved in _____, it forms positive and negative ions.
9. Acids conduct _____.
10. In the chemical formula for an acid, the symbol _____ always appears first.

Skill Challenge

Skills: *classifying, relating*

Identify whether each of the following chemical formulas could represent an acid by writing *yes* or *no* in the spaces provided.

Chemical Formula	Acid?
1. HNO ₃	
2. NaCl	
3. CO ₂	
4. H ₂ SO ₄	
5. HCl	
6. CaSO ₄	
7. H ₃ BO ₃	
8. KBr	