

What is a base?

Lesson Review

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true. Write your answers in the spaces provided.

- _____ 1. Strong bases can burn the skin.
- _____ 2. Bases feel sticky.
- _____ 3. Bases are called proton donors.
- _____ 4. All bases release hydroxyl ions in water.
- _____ 5. A base forms when an active metal reacts with hydrogen.
- _____ 6. Soaps are made by chemically combining fats or oils with an acid.
- _____ 7. Bases taste sour.
- _____ 8. Antacids are generally made from the base magnesium hydroxide.
- _____ 9. A hydroxyl ion contains one atom of hydrogen and one atom of oxygen.
- _____ 10. A hydroxyl ion is a positive ion.

Skill Challenge

Skills: *identifying, relating*

Identify the elements in each of the following bases.

Base	Elements
1. Sodium hydroxide	_____
2. Magnesium hydroxide	_____
3. Potassium hydroxide	_____
4. Calcium hydroxide	_____